

July 20-Aug. 9, with most (50) on Aug. 1 (KM).

FRINGILLIDS — Seven Rose-breasted Grosbeaks at High I. Oct. 10 (LB & TBF) represent a good fall count. A ♂ Varied Bunting with 2 unidentified ♀♀ was seen on S. Padre I. Oct. 16 (LK & JW). An unusual fall concentration of Dickcissels was noted at Rockport Sept. 11 (DNM). Purple Finches were appearing on the upper coast and in n.c. areas during the second half of November. A Clay-colored Sparrow at High I. Oct. 9 (TBF & DS) was unusual. On the whole, sparrow data is scant, perhaps indicating a late migration.

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## NORTHERN ROCKY MOUNTAIN-INTERMOUNTAIN REGION

/ Thomas H. Rogers

The latter half of August continued the trend of hot, dry weather that started in mid-July. The pattern broke rather sharply the first week of September, when substantial rains were general over the Region. In this cooler-than-normal month, Walla Walla had the fifth coldest September since 1886, Yakima established record lows on the 15th and 29th and s. interior British Columbia posted record lows during the first week. Except for the Spokane and Missoula areas, which were decidedly dry, the Region in general was wet, with up to twice or more normal precipitation. After a pleasant spell just after the beginning of October the weather again turned cool. After the 13th maximum temperatures reached normal at Spokane only once, on the 22nd. Yet the general picture was one of drought, with some areas receiving only about one-third normal moisture, although a few approached normal. At the end of the month winter struck an early blow, with snow in the valleys even at Yakima and the Tri-cities (Pasco-Kennewick-Richland) in Washington. Yakima reached +11°F. and Missoula, 0°. Standing water froze but thawed in November, when temperatures, normal

at last, removed the premature snow cover from the lowlands. However, the trend of moisture shortage continued, the only exception being Walla Walla, distinctly wet.

In a few instances weather appeared to affect migration by producing concentrations of birds — notably the October snowstorm — but in general there seemed



to be no indication that the cool autumn had hurried departures. In fact, in the Bozeman and Missoula areas a large number of late and record late dates were reported. These probably had little or no significance, since they seemed to represent only late stragglers, not the main body of migrants. At Turnbull Nat'l Wildlife Refuge, Cheney, Wash., the waterfowl migration actually appeared to be somewhat delayed.

Bohemian Waxwings arrived early at several localities with, or shortly after, the snow and cold at October's end. Weather might have caused this, but it has been my impression that food supply rather than weather is the chief factor affecting winter movements of these birds. Except for Red Crossbills the "northern finches" were not much in evidence.

LOONS AND GREBES — Beside the Com. Loon, largest number, 12 on Okanagan L. at Peachland, B.C. Oct. 10, two other species of loons were reported. An Arctic Loon was seen in Blue L., Grant Co., Wash. Nov. 28 and Dec. 4 (JA, WH). This is the fifth consecutive autumn the species has been found in e. Washington. A Red-throated Loon on Ochoco Reservoir just east of Princeville, Ore. Oct. 31 may have been the first for e. Oregon (JK). At the same place and date Knox saw at least 25 Horned Grebes, presumably a migrating group. At least 200 W. Grebes were counted on Okanagan L. near Penticton Sept. 22 (SRC). In the Yakima, Wash. area three observers recorded 26 Pied-billed Grebes in twelve days' afield, between Aug. 31 and Nov. 13, with 5 the largest number in one day. This was considered about normal.

PELICANS, CORMORANTS AND HERONS — The last dates for the White Pelican and the Double-crested Cormorant in the Bozeman area were Sept. 18 and Oct. 10 respectively. An occasional bird of the former

species was seen at McNary Nat'l Wildlife Refuge, Burbank, Wash. until the first week of November, some two weeks later than last year. Black-crowned Night Herons were noted on Yakima Indian Reservation south of Yakima Sept. 30-Oct. 21, with the largest number, 15, seen on the latter date (ERC, JN, AR). Nine of these birds were seen at Umatilla Refuge, Morrow Co., Ore. Oct. 9-16 but left when hunting commenced.

**WATERFOWL** — Whistling Swans were observed at Central Park, south of Manhattan, Mont. between Oct. 17, a record early date, and Nov. 21 (ETH, RAH, PDS). Two at McNary Refuge "at start of period" were apparently very early. The number there climbed to 55, compared to 100 in December, 1970. The peak number at Turnbull N.W.R. was 80. At the end of November 33 Trumpeter Swans, including 7 cygnets, were present on Turnbull Refuge. Nine were seen on Skaha L., Penticton, B.C., Oct. 31 (SRC). The 1971 Tri-state Trumpeter Swan aerial survey of the Bureau of Sport Fisheries and Wildlife reported 297 adult and 49 cygnets for s.w. Montana. About one half were on Red Rock Lakes Refuge but only 12 of the cygnets were found there. Canada Geese reached peak numbers during October and November. On Oct. 9 25-30,000, mostly Lesser, were at Stratford, Grant Co., Wash. (JA, S.A.S.). The Columbia Basin census of the Bureau of Sport Fisheries and Wildlife, flown on Nov. 16, 17 & 19 totalled 59,426 of the birds. A study of nesting geese at Ennis L., Madison Co., Mont., revealed at least 1 bird with some of the markings of the race *maxima*, (DC, fide PDS). Only a few Snow Geese were reported except for 50 flying over Toppenish Nat'l Wildlife Refuge south of Yakima (LL) in October. This is unusual for the more westerly part of the Region but that only 4 birds were seen at Missoula was surprising. Possibly the hot, dry weather caused them to pass through unnoticed. Two ad. and 1 imm. Blue Geese were seen with Canadas at Stratford, Grant Co., Wash., Oct. 9 (JA; SAS) and 2 were seen with 4 Snow Geese in the Tri-cities area Oct. 30. A White-fronted Goose was sighted at McNary Refuge Oct. 24 (WH) and one of the latter was at Okanagan Landing Nov. 21 (DL). The Columbia Basin census, Nov. 16-19 found 417,020 Mallards and 42,510 other ducks. At McNary Refuge Am. Widgeon, Pintail and Green-winged Teal numbers were down considerably and Canvasback drastically, from last year. Pintails appeared to have edged out Am. Widgeon for a poor second in numbers in e. Washington and Oregon. Very few unusual species were noted: An **Oldsquaw** at Haystack Reservoir south of Madras, Ore. Oct. 31 (JK); from 1 to 3 **White-winged Scoters** in e. Washington (Banks and Lenore Lakes in Grant Co., Granite, Medical and Silver Lakes in Spokane Co.), Oct. 9-Nov. 28 (WH, S.A.S.), and 2 **Surf Scoters** at Silver L. Oct. 24 & 30 (JA). Two ♀♀ or young Hooded Mergansers were seen Aug. 30 on Cranberry L. near Valemount, B.C. (MS). This is near the northern limit of the species' range.

**VULTURES AND HAWKS** — Three Turkey Vultures were seen Sept. 6 near the north end of Okanagan L., where they are quite uncommon (MS). The outlook appeared good for Goshawks in interior British Colum-

bia, where snowshoe hares seemed to be reaching peak numbers. A **Harlan's Hawk** was identified for the third autumn just west of Spokane Oct. 10-11 (JA). In the Bozeman area Golden Eagles were observed less frequently than normally, possibly as a result of the slaughter of these birds in Wyoming recently. More encouraging was the report from the Heppner, Ore. area where the birds seemed to have increased. The species was also reported in the Yakima area; on Turnbull Refuge, at Columbia Nat'l Wildlife Refuge, Othello, Wash., and at a few widely separated localities in interior British Columbia. The Bald Eagle concentration which occurs each autumn at West Glacier, Glacier National Park, had its peak of 267 birds Nov. 10 and had dropped to 73 on Nov. 24 (LM). Some very far north Prairie Falcon sightings were belatedly reported: 1 on Aug. 24 (MS) and 1 on Aug. 25, 1970 (DS) both in Mt. Robson Provincial Park, B.C. and 1 in Jasper Nat'l Park on Sept. 1, 1970 (DS). A Peregrine Falcon was seen east of Ochoco Reservoir near Prineville, Oct. 30 (JK). In general, hawk numbers appeared about normal, with the exception of the Walla Walla, Wash. vicinity, where most species seemed to be in low numbers.

**GALLINACEOUS BIRDS** — The game checking station at Cache Creek, west of Kamloops, B.C. reported about a 25 per cent decrease from 1970 in both Spruce and Ruffed Grouse. At Turnbull Refuge, however, the latter species appeared to show an upward trend. California Quail appeared to be up to normal numbers or better in e. Washington. The report from Prineville indicated excellent numbers, but that from Heppner a decrease. Ring-necked Pheasant populations appeared to be quite good, with the exception of Prineville, where very few of this year's young were seen. Forty-seven Chukars and 62 Bobwhite released by Spokane Field Trial Club on Turnbull Refuge soon disappeared. From 1 to 5 Turkeys were seen on three dates in October and November in Morrow Co., Ore. (BM).

**CRANES AND COOT** — Sandhill Cranes were seen migrating Sept. 19-Oct. 14 in the western part of the Region, in the Okanagan and e. Washington and Oregon. Up to 200 at a time were seen over the Tri-cities area of Washington. The last date for the species in the Bozeman area was Oct. 10 (late) at Ennis (RAH & PDS). Am. Coot, numerous as usual, were reported in "vast numbers" at Banks L., Grant Co., Wash. Nov. 28 and at least 1000 were still on Okanagan L., Penticton Nov. 27 (SRC).

**SHOREBIRDS** — The migration of this group through e. Washington was considered by Warren Hall average for variety and numbers. This evaluation probably would fit the situation in most other parts of the Region. The Bozeman area had several late records. Hall noted a peak around mid-August, with 17 species and over 200 individuals at Stubblefield L. on Turnbull Refuge Aug. 12. Two **Am. Golden Plovers** showed up at Harrison, Mont. Sept. 18 (RAH, PDS). Single Black-bellied Plovers were observed at O'Sullivan Dam, Grant Co., Wash. Sept. 19 and Oct. 9 and at Reardan, Wash. in mid-September (JA). Three still in spring plumage were seen at Harrison Aug. 29 (HC, SC, LM, PDS). Twenty Semipalmated Plovers, supposedly a rare transient in s. interior British Columbia, were seen

Sept. 6 at Shuswap L. at Salmon Arm (MS). A record late date for the Solitary Sandpiper, Sept. 26, was obtained at Belgrade, Mont. (DRS, PDS). An unidentified yellowlegs Nov. 1 at Central Park, south of Manhattan, Mont. would have been a record late date for either species. A crippled Lesser Yellowlegs remained near Missoula until Oct. 16, very late. A single W. Sandpiper there furnished a record late date, Sept. 16. A good movement of Pectoral Sandpipers was noted at Harrison, with a peak of 80 on Sept. 12. Also at Harrison, 400 Baird's Sandpipers were counted Aug. 29, the first date for the fall season. Noteworthy was a **Stilt Sandpiper** at Central Park Sept. 19 (Mr. & Mrs. MB, PDS). The second record for Montana for the **Buff-breasted Sandpiper** was obtained at Harrison when 1 was observed extensively at 100 ft. with a 20x scope Aug. 29 (HC, SC, LM, PDS). A single Sanderling was observed Oct. 9 at O'Sullivan Dam. At Wenas L. near Yakima 75 W. Sandpipers were seen Aug. 19 (ERC)

**JAEGERS, GULLS AND TERNS** — An imm. jaeger appeared at Reardan, Wash. Aug. 22 (JA). Three Herring Gulls at Glacier Nat'l Park, Mont. Nov. 22 were apparently the first ever recorded there (LM), and 2 at Harrison Sept. 12 furnished the first fall record there. An unusual concentration of 1550 Ring-billed Gulls at McNary Refuge was resting and apparently feeding in a watermelon field nearby. A **Mew Gull**, rare in the Region, was seen at Rimrock L. near Yakima Oct. 21 (RA, BB, PH). The only Franklin's Gulls reported were 1 seen in downtown Spokane Sept. 28 (JA) and 1 imm. at Wenatchee Sept. 25 (MP). An ad. and an imm. **Common Tern**, always scarce in e. Washington, were seen at O'Sullivan Dam Sept. 19.

**DOVE** — A good view of a **Band-tailed Pigeon** was obtained at Mt. Robson Provincial Park in e. British Columbia Aug. 6 (MS). A number of sightings of this species have been made by very competent observers in the Shuswap L. area about 120 miles south of the above site, near Salmon Arm (WCW). This adds to the growing suspicion that the species is attempting to push eastward.

**OWLS** — Very few Pygmy Owls had appeared by the end of November. One was found near Wenas L., just n.w. of Yakima Oct. 25 (RA, PH) and 1 was seen in the Salmo area of Pend Oreille Co., Wash. Aug. 28. A pair during the summer at Tower Mt. just s.e. of Spokane suggested breeding there. Two Snowy Owls appeared during the fall period: 1 near Kalispell, Mont. (CM) and 1 at Banks L., Grant Co., Wash. Nov. 28 (JA). The uncommon Long-eared Owl was noted at several localities: 1 at Missoula Sept. 25; 1 at Clarkston, Wash. Sept. 2; 1 at Heppner, Nov. 20; and the feathers of one, eaten by a larger raptor, near Doreen L., s.e. of Vernon, B. C., Sept. 11. Overlooked in the summer report was a record of 1 of this species with 2 young near Lamont in n.w. Whitman Co., Wash. June 16 (SH). Five Burrowing Owls were at and near their burrows near Lowden, west of Walla Walla on the surprisingly late date of Dec. 3. Short-eared Owls were scarce, reported only in the Bozeman area and 1 north of St. John, Wash. Oct. 30 (SH). One of the scarce Saw-whet Owls was seen along the Wenas Grade road near Yakima Oct. 25 (RA, PH).

**NIGHTHAWKS, SWIFTS AND HUMMINGBIRDS** — The Com. Nighthawk was gathering and migrating from late July at Prineville, through Oct. 2 (late) at Bozeman. At least 10 Vaux's Swifts were noted Aug. 28 in the Salmo Mt. area of Pend Oreille Co., Wash., where they nest and about 25 were seen over Sandpoint, Ida. Aug. 22 (WH). Twenty White-throated Swifts were still at the nesting cliffs at Vaseux L. in the Okanagan Valley, B. C. Sept. 7 and a flock of 20 Black Swifts was seen Sept. 6 at Salmon Arm, B.C. (MS). A peak gathering of up to 28 Black-chinned, Rufous and Calliope Hummingbirds was reported for Aug. 27 at a feeder at Spokane. A Rufous at Bozeman Sept. 5 equalled the late record there. Latest date for the species for the Region was Sept. 18 at Heppner. August 29 was a record late date for the Calliope at Bozeman (LM, OM).

**KINGFISHERS AND WOODPECKERS** — Three observers in the Yakima area observed 12 Belted Kingfishers in six different areas during twelve days. The species was scarce in the Walla Walla area because of low stream flow and diversion for irrigation. A flicker with yellow wings (Yellow-shafted or hybrid?) was seen at Bozeman about Nov. 5 (SB) and single birds with red napes were seen in two different localities in the Yakima area Nov. 3 & 6 (PH). A Yellow-shafted was identified at the Tri-cities Oct. 28. (EM). Several hybrids were also noted there. Red-shafted Flickers were migrating into the Tri-cities and Walla Walla areas during September. At the south end of Vaseux Lake 42 Lewis' Woodpeckers, believed to be migrating, were observed Sept. 7 (MS). Fifteen were sighted in the Ahtanum Valley near Yakima Sept. 18. The only other sighting was of 1 bird at Spokane Aug. 24. A Yellow-bellied Sapsucker at Bozeman Sept. 29 furnished a record late date (HC, LM). One was seen at the Tri-cities from Sept. 17 through Oct. 8 (EM). A Downy Woodpecker, the second record for Yoho Nat'l Park, Canada, was seen at Leancoil Aug. 27 (WCW). Four of the scarce White-headed Woodpeckers were found at Cascade Park, Upper Wenas Valley near Yakima Oct. 18 (PH). Two each of the Black-backed and Northern Three-toed Woodpeckers were found in the Salmo area of n.e. Washington Aug. 28.

**FLYCATCHERS AND HORNED LARKS** — A Western Kingbird was identified in Mt. Robson Prov. Park, B.C., well north of its normal range, Sept. 3 (MS). Two Ash-throated Flycatchers were noted in Walla Walla from Sept. 4-6. The Western Flycatcher was recorded through the breeding season and as late as Aug. 19 in Mt. Robson Prov. Park (MS). The record late date of Sept. 29 was obtained for the Olive-sided Flycatcher at Bozeman (HC, LM). The only sizable concentration of Horned Larks was located on a trip from Walla Walla to Ritzville via Palouse Falls Sept. 24, when flocks of hundreds and even thousands were encountered (NFM).

**SWALLOWS** — These birds were, after August, mostly concentrated in the warmer western part of the Region. About 300 Violet-green Swallows were still as far north as Vaseux L. Sept. 7 (MS). The species was described as abundant on Yakima Indian Reservation Sept. 30 (ERC, AR) and over 200 were at Wenas L., n.w. of Yakima Oct. 2 (PH). Barn Swallows were as usual

the latest hangers-on, with 4 seen in the Tri-cities area Oct. 31 (EM). Late dates were secured for nearly every species in the Bozeman area, with Sept. 19 a record late date for the Tree Swallow at Central Park.

**RAVENS AND NUTCRACKERS** — A flock of 30 Com. Ravens was seen flying at Yakima Indian Reservation Oct. 14 (ERC, JN). Most Clark's Nutcrackers had not descended into the valleys yet. However, 1 seen 4 mi. s.e. of Prineville Oct. 3 was the first ever recorded within the Christmas Count area and several miles from its normal conifer habitat.

**CHICKADEES AND NUTHATCHES** — Several Boreal Chickadees were seen Aug. 27 around Emerald L. in Yoho Nat'l Park (WCW) and at least 6 were found in the Salmon-Shedroof area of n.e. Washington Aug. 28 (JA). The uncommon White-breasted Nuthatch was reported only from Cascade Park, n.w. of Yakima, (up to 4 birds,) and from Spokane.

**WRENS** — Single Bewick's Wrens, and on one date 2, were seen along the Yakima R. near Richland, at Toppish Creek and at Yakima in Sportsman's State Park on several occasions during the period (EM, AR). A Canyon Wren heard at Vaseux L. Aug. 28 was the second noted since the species was apparently wiped out in that area by the severe winter of 1968-69. (WCW). Possibly the same bird was noted there Oct. 11 (SRC).

**MIMIC THRUSHES AND THRUSHES** — In the North Okanagan valley Catbirds were more numerous than for several years and were particularly noticeable Aug. 12-24. Bozeman had a record late date of Sept. 29 for the species (SC). It did not appear that Robins would winter in more than scant numbers in the Region. Hermit Thrushes were migrating in September and October, with the latest report mentioning many of the birds at Heppner, Ore. the last of October. An impressive number of Mountain Bluebirds was reported: 25 at Armstrong, B.C. Aug. 23 (JK); 50 at Cascade Park near Yakima Sept. 1-2 (PH), and hundreds at Peola, west of Clarkston, Wash. Sept. 6. Flocks of 30-40 remained around Prineville throughout November. At Gardiner, Mont. Nov. 22 was a record late date for the species (HC).

**PIPITS AND WAXWINGS** — What was probably the start of the Water Pipit migration was seen Aug. 30 on Canoe Mt. near Valemount, B.C. where 200 were counted. Forty had reached the lowlands at Salmon Arm by Sept. 6 (MS). They were moving in e. Washington during September and October, with many hundreds seen the latter month. At least 2000 were around O'Sullivan Dam, Grant Co. Oct. 9. By contrast the last date for the birds in the Bozeman area was Sept. 26. At Berg L., Mt. Robson Prov. Park, 20 Bohemian Waxwings were seen Aug. 22. The species has been recorded as breeding in the park (MS). Some 30 of these birds, including some imm. birds, were seen on Salmo Mt. in n.e. Washington Aug. 28 (WH). A few arrived at Missoula by Oct. 10 (early) and small flocks were in the N. Okanagan valley the week of Oct. 18. On Oct. 31 flocks of 400-600 were seen flying down the valley at Cusick, Wash. and a few had reached

Bozeman the day before. By mid- or late November thousands were at Bozeman and Missoula and perhaps somewhat smaller numbers were in the N. Okanagan.

**WARBLERS** — Record late dates for the Orange-crowned Warbler were obtained at Bozeman (Sept. 26) and Missoula (Oct. 22). Wayne Weber's reporting of Michael Shepard's observations in c. British Columbia brought refreshingly new warbler names: Tennessee Warbler, last sighting, Aug. 27, Mt. Robson Prov. Park; Magnolia Warbler, last sighting, 2, Sept. 2 at Robson Meadows in the park; Chestnut-sided Warbler, belatedly reported but the first record for British Columbia, photographed at Red Pass, Mt. Robson Prov. Park June 22, and Blackpoll Warbler, last seen, Sept. 1, near McBride on the upper Fraser R. n.e. of the Park. Two more record late dates came from Bozeman: MacGillivray's Warbler, Sept. 28 (SC) and Am. Redstart, Oct. 4 (HC, KH). One of the former species at Heppner Oct. 1 provided a good late date even for that area.

**WEAVERS AND BLACKBIRDS** — The House Sparrow still made news at Missoula, where it is still scarce after being greatly reduced in numbers by an epidemic, suspected of being caused by *Salmonella*, nearly a year ago. The last Bobolinks in the Bozeman area, large flocks Sept. 13, were late (SC, PDS). A Bobolink at Turnbull N.W.R. Aug. 20 may be the first record there (WH). Some late records came in for the Brown-headed Cowbird. The species was last seen at Norris, Mont. Aug. 29 and at Missoula an ad. ♂ was present Sept. 1. The adults usually leave before the end of July there. Eight were found on the Yakima Indian Reservation Oct. 21.

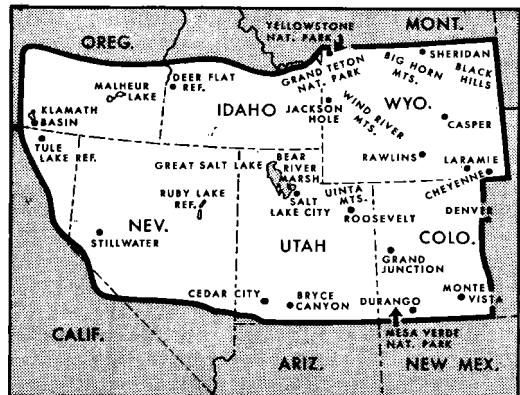
**FINCHES** — Black-headed Grosbeaks mostly slipped away unobserved. One or 2 were seen as late as August 22 in the Tri-cities area (EM) and the 23rd on the Little Spokane R. near Spokane. Missoula and Bozeman both came up with late dates for the Lazuli Bunting, Sept. 19 and 11, respectively, the Bozeman date a record late. Evening Grosbeaks were common to the end of October at Missoula, then tapered off and disappeared by mid-November. At Vernon, B.C. they were common the first of October. Other lowland areas apparently had few or none by the end of the report period, but sizable flocks were noted in the mountains and foothills of e. Washington. House Finches at Missoula, common through September, were not seen after mid-November but probably moved to nearby areas. The species appeared not to have regained its former numbers in the N. Okanagan after the 1968-69 winter die-off. A few Com. Redpolls had put in their appearance by Nov. 15 or later at Bozeman, Missoula and Spokane. Pine Siskins were scarce or absent at most localities, with the last sighting Oct. 26 at Missoula. Am. Goldfinches were more widespread and indicated they might winter in the western part of the Region. Red Crossbills appeared in most valley areas with conifers, except in the Okanagan, where a poor cone crop was blamed. White-winged Crossbills seemed numerous in Yoho Nat'l Park during the fall period (WCW) and at least 35 were seen in the Gypsy Meadows —Salmo Pass area of n.e. Washington Aug. 28 (JA).

**SPARROWS** — Migration of these birds seemed mostly rather ordinary, but with a liberal sprinkling of "rarities." Late last dates were obtained at Bozeman for the Savannah Sparrow, Oct. 10, and Chipping Sparrow, Oct. 11. Savannah Sparrows remained well into October in the milder western extreme of the Region. Several were seen in a wet meadow near Richland, Wash. on the 9th and 1 was seen on Yakima Indian Reservation on the 28th. Oregon Juncos were beginning to show up in the valleys. At Walla Walla they appeared with colder weather Sept. 15 and in greater numbers with 20° weather Oct. 27. At Missoula the birds seemed scarce. Slate-colored Juncos were noted at Bozeman, Spokane, the Tri-cities and the Yakima area. Outstanding among unusual records was a **Clay-colored Sparrow** at Missoula Aug. 27. Harris' Sparrows were noted at six localities between Sept. 11 and the end of November, all singles except for 3 at Grindrod, south of Salmon Arm. Oct. 28-Nov. 30 (JM). The other localities were Bozeman, Missoula, Spokane, Coldstream near Vernon, B.C., and 10 mi. north of Williams L., B.C. Sept. 18 (AD). The peak of the White-crowned Sparrow migration apparently moved through the N. Okanagan about Sept. 26, when colder weather may have concentrated it. At Prineville the cold and snow at the end of October produced a concentration of the birds unlike anything the previous five autumns. Single White-throated Sparrows were present at Vernon, Sept. 19-Oct 3 (WC, JG) and on the Kinney Lake road, Mt. Robson Prov. Park, Aug. 19 (MS). Between late September and mid-October single Fox Sparrows were reported four times at Spokane, twice in the Vernon area and nowhere else. Jim Grant voiced the suspicion that they migrate in his area along the ridges at 3-5000 ft. altitude. One or 2 Golden-crowned Sparrows appeared in the Yakima area on three dates in October and the species was noted at Wenatchee Sept. 25 (MP). Single birds were seen at two places at Spokane on five dates during September and October — the most observations there since 1969. One or 2 Lapland Longspurs were seen near Missoula Sept. 17-Oct. 15 and 2-4 were noted at Banks L. and O'Sullivan Dam Oct. 9 (JA). Several migrating Snow Buntings were seen along the shore of Priest L. in n. Idaho in mid-October (RMW) and singles were noted at Missoula Nov. 17 & 24.

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## GREAT BASIN— CENTRAL ROCKY MOUNTAIN REGION / Hugh E. Kingery

Snowstorms and freezing weather spent the fall driving migrants in and out of our Region. Snowstorms struck the Colorado Rockies Sept. 3-4 and Sept. 16-18, with snow depths of 6-12 inches along the Eastern Slope but skipping far western Colorado. Despite these



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unseasonable snows, birds lingered later than usual, with hummingbirds using icicled feeders at Evergreen, stray warblers found at McCoy, and landbirds bottled up in sheltered canyons at Colorado Springs. At the end of September a fierce, cold storm buffeted the northern part of the Region; several hundred swallows perished in the gale-driven rain, snow, and sleet at Malheur Nat'l Wildlife Refuge; late birds appeared at