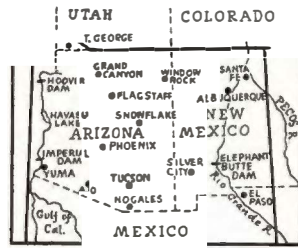


**SOUTHWEST REGION.**—Weather conditions have been approximately normal, with the following exceptions: In the New Mexico and Texas areas, a hot June fol-



lowed by a cooler than usual July and August, with rainfall below normal; unusual June rain in north-central, southeastern, and east-central Arizona; and a hot July and cool first half of August in

south-central and western Arizona, with subnormal rainfall.

*Grebes to cormorants.*—Several pied-billed grebe nests were found on the Bosque del Apache Nat'l. Wildlife Refuge, N. Mex. (R. Fleetwood). A white pelican was present at the Taylor, Ariz., reservoir, June 7 to 8 (L. Levine), and the species was common at Mittry Lake near Yuma, Ariz., July 18 (W. Pulich). Very few if any double-crested cormorants are left at the Lakeside, Ariz., colony (L.L.). About 440 young cormorants were produced in 6 colonies on Havasu L. Nat'l. Wildlife Refuge, mainly in those colonies in the Topock, Ariz., vicinity (Monson).

*Hérons.*—About 120 young great blue herons were produced in Havasu Lake Refuge heronries this year (M.), plus 68 young Am. egrets. The refuge colony of snowy egrets, near Topock, contained 91 nests holding 148 young on June 8; the number of young had dwindled to 58 on June 24, when most of them were two-thirds grown, indicating a high mortality. About 20 snowy egret nests at the Country Club heronry at El Paso, Tex., were hatching on June 10 (L. McBee). Two black-crowned night herons about one-third grown were seen at their nest near Topock, June 8 (M.). A young *Am. bittern* was found and banded on the Bosque Refuge, July 15, the first definite nesting record for N. Mex. (R.F.). Two *least bittern* nests were found on the Bosque Refuge, July 1 and 17, which are also first definite nesting records for the state (R.F.). Four glossy ibis were present in the Bill Williams Delta, Ariz., on the Havasu Lake Refuge, June 17 (M.), while 22 were present throughout the period on the Bosque Refuge.

*Waterfowl.*—A snow goose straggler was seen at the Bosque Refuge, June 15 and 17 (R.F.). Three broods of newly-hatched *gadwalls* were found near Topock, June 24; these are the first breeding records for this duck in the lower Colorado River Valley (M.). Pintails were noted at the Joseph City, Ariz., reservoir, July 2 (A. Phillips). A male blue-winged teal was seen at Snowflake, Ariz., July 10 (L.L.). A cinnamon teal nest containing 10 teal eggs and 1 Gambel's quail egg was found on

the Bosque Refuge, June 1; all eggs hatched successfully (R.F.). Redheads were present at Joseph City, July 2 (A.P.). Two male lesser scaup ducks were seen at Topock, June 8 (M.). A late flock of red-breasted mergansers (1 male, 7 females) was still present near Topock, June 24 (M.).

*Hawks.*—A goshawk nest was located in early August in Kanabowinit Canyon, Grand Canyon Nat'l. Park, Ariz. (H. Bryant). Two young Cooper's hawks still being fed by parents were seen in Madera Canyon of the Santa Rita Mts., Ariz., Aug. 26 (A.P.). A Swainson's hawk was seen over the desert north of Vidal Jct., Calif., June 7 (M.). One young was still in its nest southeast of Tucson, Ariz., July 30 (A.P.). A Harris's hawk was observed on the Santa Rita Range Reserve, Ariz., July 21 (W.P.). A marsh hawk was noted at Joseph City, July 2 (A.P.). A peregrine falcon was seen near Arlington, Ariz., July 16 (W.P.), and three juveniles not long out of the nest were observed on Havasu Lake Refuge, June 17 (M.).

*Gallinaceous birds.*—Several blue grouse with young were seen by visitors along roads on the North Rim of the Grand Canyon (H.B.). An unusually good summer hatch of Gambel's quail appears to have taken place over much of southern Arizona and in the Rio Grande valley. They are more plentiful in the Parker area than they have been for several years (M.). Quail numbers were much reduced in southern Arizona the previous 3 or 4 summers.

*Rails and gallinules.*—Two sora nests were found on the Bosque Refuge; one on July 15 (W. Collins), another July 22 (R.F.). Young Florida gallinules were two-thirds grown on the Bosque Refuge by June 24 (R.F.).

*Shorebirds.*—A very late spotted sandpiper was noted near Needles, Calif., June 16 (M.). There were 3 or 4 nesting pairs at the Snowflake reservoir; a pair with 1 young was seen July 6 and 10 (L.L.). At least 5 pairs nested on the Bosque Refuge, young appearing in early June (R.F.). Two avocet nests and 2 black-necked stilt nests were found, June 3, on the Bosque Refuge (R.F.).

*Doves through kingfishers.*—At Mountain Park above Alamogordo, N. Mex., orchardists complained that 100 or more band-tailed pigeons were damaging the cherry crop in July (L.M.). Very few band-tails have been noted in Grand Canyon Park (H.B.). One was seen along the Bush Highway, near Roosevelt Dam, Ariz., July 27 (W.P.). Mourning doves have been relatively numerous as nesting birds at Grand Canyon (H.B.). Yellow-billed cuckoos were feeding young at El Paso, Aug. 7 (G. Burrows). A brood of 4 pygmy owls was observed in Water Canyon, Magdalena Mts., N. Mex., June 26 (R.F.). A burrowing owl was seen at Somerton, July 17 (W.P.). The nighthawk was first noted at Flagstaff, Ariz., June 4 (A.P.). A white-throated swift was seen in the northern part of the Kofa Mts., Ariz., July 14 (A. Halloran). A pair of black-chinned hummingbirds nested at Snowflake; the young hatched, July 11, and left the nest on Aug. 4 (L.L.).

*Cotingas and flycatchers.*—Young Xantus's becardes were reared again in the species' Arizona range (A.P.). Young of Mexican kingbirds were found both leaving and ready to leave the nest at Tucson, Aug. 21 (A.P.). Say's phoebe numbers were much reduced at Snowflake, possibly due to a community fly-spraying campaign (L.L.). Western wood pewees were again almost entirely absent on the South Rim of the Grand Canyon (H.B.).

*Swallows.*—Extraordinarily early returning tree swallow migrants were seen near Topock, June 24 (flock of 27) (M.). The first post-nesting flock of rough-winged swallows on Havasu Lake was seen at Needles Landing, June 9 (M.). Adult purple martins were feeding stub-tailed juveniles just out of the nest at Tucson, Aug. 22 (A.P.).

*Titmice through waxwings.*—Dippers were observed at Paradise Park in the White Mts., Ariz., July 13 to 15 (L.L.). One was seen near Ruidoso, in the Sacramento Mts., N. Mex., July 25 (R. Allen, L.M.). House and rock wrens were utterly absent at Flagstaff (A.P.); the latter species nested almost commonly in suitable areas on Havasu Lake Refuge and in adjacent territory (M.). A crissal thrasher nest with 2 eggs was found near San Xavier Mission, Ariz., July 21 (W.P.). A cedar waxwing was seen in the Moapa Valley near Overton, Nev., June 4 (W.P.), and one was found at Flagstaff, June 6 (A.P.). Phainopeplas stayed unusually late in the Havasu Lake area, as exemplified by the following records: flock of 7 at Needles Landing, June 19; 3 near Parker Dam, Calif., June 22; 4 east of Vidal Jct., and 1 male at Needles Landing, June 28 (M.).

*Blackbirds and tanagers.*—The western meadowlark has again replaced the eastern in range north of Williams, Ariz. (M. Wetherill). The eastern was the only form there in 1938 (L. Hargrave, M.W.). At Benson, Ariz., a young red-eyed cowbird was raised with 3 Bullock's orioles, all leaving the nest in mid-July (L.H.). A female hooded oriole was still feeding a full-grown young red-eyed cowbird at Tucson, Aug. 14 to 20; the same female was feeding another young cowbird that left the nest, Aug. 21 (A.P.). A flock of 15 Brewer's blackbirds, both adult and immatures, was seen at Salt Flats 100 miles east of El Paso, July 15 (Mr. & Mrs. W. Ross). The brown-headed cowbird was observed most of June at Flagstaff, where it is rare; young of this species of cowbird were still being fed by plumbeous gnatcatchers at Tucson, Aug. 22 (A.P.). The hepatic tanager is now apparently very rare throughout all of northern Arizona, except the Hualpai Mts.; young on the wing were being fed by the female parent in the Santa Catalina Mts., Ariz., Aug. 19 (A.P.).

*Finches.*—A male cardinal was still feeding a young male which was rapidly turning red at Tucson, Aug. 25 (A.P.). The first local record of blue grosbeak at Flagstaff was obtained, June 22 (A.P.). A painted bunting nest with 1 egg was found at Ascarate Park, El Paso, July 17 (J. & F. Camp, L.M.). Bob-tailed young evening grosbeaks were found twice calling for food, July 15 to 20, at

Grand Canyon Village (H.B.). Brown towhees had small young in the nest in the lower Santa Catalina Mts., Aug. 19 (A.P.).—GALE MONSON, *Havasu Lake Nat'l. Wildlife Refuge, Parker, Ariz.*