

the entrance to the nest-box and the unbanded male parent was perched on a limb beside the nest-box.

On 12 May all of the owlets were poking their heads out of the nest-box entrance and two of them shoved themselves over half-way out. The interior of the box was crawling with mites. We removed all five owlets (and a House Sparrow that had been brought as prey) and dusted the interior thoroughly with a mixture of nicotine and sulphur powders. The male parent watched us while we were dusting the box and flew at us repeatedly while we were returning the brood to the box, only to be chased off by a Blue Jay (*Cyanocitta cristata*). We found no more mites in the nest-box after the dusting.

A puzzling observation on 12 May deserves mention: the owlet that we had considered the largest of the brood on 8 May appeared to be the smallest on 12 May. This chick, which remained the smallest and was the last to fledge, may have suffered from the mite infestation more than its siblings did or it could have been the only male.

During the following winter at least one red-phased Screech Owl regularly spent the day in a tree cavity along the edge of the Lincoln School grounds about 225 yards from the nest-box in the Cooksey yard. Here a red-phased bird was photographed on or about 27 January 1968 (the photograph appeared in The Norman Transcript on 28 January), and here a red-phased pair, quite possibly the "Cooksey pair," nested. On 16 May the male parent was killed by some boys. The specimen, obtained by one of the teachers, was sent to George M. Sutton, who prepared it as a skin (UOMZ 6263). The female parent, crippled about that time, perhaps by the same boys, had a band on its leg: it was the very bird that had been banded at the Cooksey nest-box on 30 April 1967. This crippled female and her brood of three chicks all died in captivity about 20 May.

Not one of the brood of five banded on 2 May 1967 has been recovered.

1626 COLE VILLAGE, LAS CRUCES, NEW MEXICO 88003; 909 MORNINGSIDE DRIVE, NORMAN, OKLAHOMA 73069, 1 AUGUST 1972.

GENERAL NOTES

Double-crested Cormorants with head-plumes sighted along south shore of Lake Texoma.—On 13 April 1972, on the Hagerman National Wildlife Refuge in Grayson County, northeastern Texas, I saw two Double-crested Cormorants (*Phalacrocorax auritus*) with fully developed head-plumes. They were the only crested individuals of the 19 Double-crested Cormorants that were perching that day on exposed stumps above water, well out from shore. The four persons who were with me all had a good look at the crested birds. We saw no Olivaceous Cormorant (*P. olivaceus*) in the area.

These ornamental plumes are worn for only a short time in spring. Of the several Double-crested Cormorant specimens in the University of Oklahoma collection only one has plumes—a female (UOMZ 3698) collected 2 miles east of Jet, Alfalfa County, north-central Oklahoma, on 25 April 1959. George

M. Sutton, who collected the specimen, informs me that it was accompanied by a considerably larger, brownish black, uncrested bird, almost certainly a male, and probably its mate. In his book *Oklahoma birds* (1967, p. 18) Sutton mentions a photograph of ten adult birds (taken by W. O. Hughes on the Salt Plains National Wildlife Refuge, in Alfalfa County, north-central Oklahoma on 4 July 1947), none of which was crested. Bent (1922, Bull. U. S. Natl. Mus. 121, p. 248) says: "These nuptial plumes are apparently shed during the nesting period, as they are seldom seen after the season is well advanced." Further information on plumed birds seen in Oklahoma and Texas should be reported since nesting is likely to take place where plumed birds are seen.—Karl W. Haller, Box 1271, Austin College, Sherman, Texas 75090, 30 May 1972.

Early spring date for Willet in Oklahoma.—On 10 April 1972, along the west shore of Lake Ellsworth in Comanche County, southwestern Oklahoma, John Kiley, Joseph McGuire, Gilbert Wright and I saw a single Willet (*Catoptrophorus semipalmatus*) standing quietly on a mudflat. The bird raised its wings above its body, allowing us to see clearly the distinctive black-and-white pattern. Sutton (1967, *Oklahoma birds*, p. 190) gives 13 April as the earliest spring arrival date for this species in Oklahoma: on 13 April 1965, Gerald W. Dickson saw a single Willet at a pond near the Norman airfield in Cleveland County, central Oklahoma.—Jack D. Tyler, Department of Biology, Cameron College, Lawton, Oklahoma 73501, 18 April 1972.

Black-necked Stilt in Comanche County, Oklahoma.—On the evening of 18 April 1972 (air temperature about 80° F., south wind 20-25 mph), on an extensive mudflat along the west shore of Lake Ellsworth, 3 miles north and 1½ miles east of the village of Porter Hill, Comanche County, southwestern Oklahoma, I saw a Black-necked Stilt (*Himantopus mexicanus*). I had been watching a flock of about 30 Hudsonian Godwits (*Limosa haemastica*) that had been feeding busily. About 50 yards from them, and by itself, was a very long-legged, black-and-white bird that I recognized immediately since I had seen a good deal of its species along the coast in California and Texas—a Black-necked Stilt. It was the first stilt I had seen in Oklahoma. I telephoned Jack D. Tyler, who drove immediately to Porter Hill, where we met, but when we arrived back at the mudflat the stilt had gone—though the godwits were still there.

Two Black-necked Stilts were collected along the Red River south of "Old Greer" County, southwestern Oklahoma, in July of 1901 by C. D. Bunker (Nice, 1931, *Birds of Oklahoma*, p. 95). The specimens (male and female) are now in the collection at the University of Oklahoma. The species has been reported from the vicinity of Oklahoma City and from Johnston and Alfalfa counties (Sutton, 1967, *Oklahoma birds*, p. 208), but not heretofore from Comanche County.—Brad Carlton, 5949 Northwest 27th St., Oklahoma City, Oklahoma 73127, 1 May 1972.

Early nesting of Mourning Dove in southwestern Oklahoma.—On 26 March 1972, in Quartz Mountain State Park in Greer County, southwestern Oklahoma, Bertha Barnett, Mary Avolyn Johns, Katherine Kauffman, Frances Peters, and I flushed a Mourning Dove (*Zenaidura macroura*) from a nest containing two well feathered young. The nest was 6 feet up in a blackjack oak along a

road near a trailer area. Since the incubation period for the Mourning Dove is 15 days (Bent, 1932, Bull. U. S. Natl. Mus. 162, p. 405), and since the chicks in this nest were obviously more than three days old, the eggs must have been laid well before 8 March, the earliest date heretofore on record for an occupied Mourning Dove nest in Oklahoma; on 8 March 1955 R. R. Graber found a nest with one egg near Hollis, Harmon County, southwestern Oklahoma (Sutton, 1967, Oklahoma birds, p. 232).—Grace E. Ray, 520 W. Symmes St., Norman, Oklahoma 73069, 4 April 1972.

Early spring record for Ruby-throated Hummingbird in northeastern Oklahoma. On 5 April 1964 a male Ruby-throated Hummingbird (*Archilochus colubris*), a species not usually present in this area until after the middle of April, was injured when it hit a picture window in Bartlesville, Washington County, northeastern Oklahoma. The bird, unable to fly, died in captivity after three months (see Mery, 1964, Oklahoma Wildlife, 20:22)—Sophia C. Mery, 345 S.E. Boston Avenue, Bartlesville, Oklahoma 74003, 9 February 1973.

Vermillion Flycatcher in Cotton County, Oklahoma in March.—At about 08:00 on 11 March 1972 several members of the Lawton-Fort Sill Bird Club and I observed an adult male Vermillion Flycatcher (*Pyrocephalus rubinus*) at about 50 yards in a lone tree near a water-filled ditch about 2 miles east and 2½ miles south of Cookietown, Cotton County, southwestern Oklahoma. The sky was mostly clear, the south wind 10 mph, and the air temperature about 50° F. In the tree with the flycatcher were two Water Pipits (*Anthus spinoletta*), a species that does not often perch in trees; three Brewer's Blackbirds (*Euphagus cyanocephalus*); and a female or first-year male Red-winged Blackbird (*Agelaius phoeniceus*).

I watched the flycatcher for about two minutes with a 9 x 36 binocular, noting the unmistakable bright red of the crown and underparts and the blackish gray wings and tail. No one heard the bird utter any sort of callnote. It flew to a fencepost nearby, then to heavy timber about half a mile south of us.

Pyrocephalus rubinus has not heretofore been reported from Cotton County. Too, the date is early. The earliest spring sightings thus far on record are for 5 April 1958, when W. Marvin Davis saw a female in Norman, Cleveland County, central Oklahoma (1958, Audubon Field Notes, 12: 365; Sutton, 1967, Oklahoma birds, p. 350) and for 30 March 1969, when Brad Carlton saw a male in Canadian County, central Oklahoma (1970, Bull. Oklahoma Orn. Soc., 3: 8). The species must be hardy, for "at least 50 members of the Tulsa Audubon Society and other ornithologists" saw a male and female "regularly" and a duller bird "occasionally" in Tulsa, Tulsa County, northeastern Oklahoma from 21 September to 21 November 1949; the threesome were not seen after 3 January 1950, when a severe storm "may have forced the birds to move southward or destroyed them" (1950, Audubon Field Notes, 4: 23, 209).—Jack D. Tyler, Department of Biology, Cameron College, Lawton, Oklahoma 73501, 13 March 1972.

Early spring arrival date for Barn Swallow in Oklahoma.—On 9 March 1972 in LeFlore County, southeastern Oklahoma, 5 miles south of the town of

Summerfield, I saw a Barn Swallow (*Hirundo rustica*) perched on a wire near a barn in which Barn Swallows have nested regularly for years. I was able to approach to within about 30 feet, so I saw the bird clearly. The date is early. According to information filed at the University of Oklahoma Bird Range, the earliest spring date for the species in Oklahoma has been 19 March (Sutton, 1967, Oklahoma birds, p. 360), on which date J. A. Wiens saw one near Norman, Cleveland County, central Oklahoma in 1960; T. W. Haislip, Jr. saw one just east of Rattan, Pushmataha County, southeastern Oklahoma in 1966; and G. A. Flatt saw two in Willis, Marshall County, south-central Oklahoma, also in 1966.—Robert M. LaVal, *District Ranger, U.S. Forest Service, Choctaw Ranger District, Heavener, Oklahoma 74937, 27 March 1972.*

Early nesting of the Cardinal in central Oklahoma.—On 2 April 1969, near the corner of a large building on the campus of the University of Oklahoma in Norman, Cleveland County, central Oklahoma, I found the nest of a Cardinal (*Pyrhuloxia cardinalis*) holding four Cardinal eggs. The fact that it held no egg of the Brown-headed Cowbird (*Molothrus ater*) surprised me, for the Cardinal is often parasitized by the cowbird in central Oklahoma. Perusal of available data revealed two important facts: 1. The nest was the earliest Cardinal nest-with-eggs on record for Oklahoma. 2. The Brown-headed Cowbird, though seen by many observers in various parts of Cleveland County throughout most of March 1969, had not been seen by me anywhere on the campus during the latter half of March.

The nest was 5½ feet above ground among the outermost foliage of a fairly large juniper. The site was precisely the same as that of an almost finished Cardinal nest that I had found on 27 March 1964. The 1964 nest had been fully lined by 2 April, but the first egg had not appeared until 3 April (Sutton, 1967, Oklahoma birds, p. 572). In the nest that I found on 2 April, 1969, the first egg had been laid on 30 March or earlier, for Cardinal eggs are usually laid one per day (about 24 hours apart) once egg-laying starts. On 13 April, at 07:00, none of the four eggs had pipped, so far as I could tell, but at 10:20 on 14 April the nest held four young birds, all of them quite dry. At each visit on 17, 19 and 20 April, all the chicks appeared to be in good shape, though they were not by any means ready to fledge. I was hoping that the brood might leave the nest successfully; that we might capture and band the mother bird; and that we might observe and document the rearing of three broods in one season by this *marked* female. The prospect was good, since this first brood had had an early start. But the nest came to grief. When Paul F. Nighswonger and I visited it about noon on 21 April we found it overturned and considerably torn up. Nowhere could we find a trace of the young birds.—George M. Sutton, *Stovall Museum of Science and History, University of Oklahoma, Norman, Oklahoma 73069, 15 May 1969.*

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