INTERSPECIFIC COMMUNAL WINTER NIGHT ROOST IN SOUTH TEXAS

Author: Clark, William S.

Source: Journal of Raptor Research, 40(2) : 177-178

Published By: Raptor Research Foundation


THEM, IT WAS OF GREAT INTEREST THAT I AND MY COLLEAGUES OBSERVED A NIGHT ROOST OF WHITE-TAILED KITES, MERLINS, AND NORTHERN HARRIERS TOGETHER IN THE SAME SUGARCANE FIELD. THE FIELD WAS LOCATED APPROXIMATELY 7 KILOMETERS NORTH OF HARLINGEN, CAMERON COUNTY, TEXAS (26°15.5’N, 97°38.3’W) AND MEASURED APPROXIMATELY 500 M BY 200 M, WITH A PAVED ROAD RUNNING ALONG ONE SIDE. CLARK AND WHEELER (1989, J. RAPTOR RES. 23:116–117) HAD PREVIOUSLY REPORTED A WHITE-TAILED KITE ROOST IN A SUGARCANE FIELD. THE ADJACENT FIELDS OF CANE HAD BEEN RECENTLY HARVESTED, BUT SIMILAR FIELDS OF STANDING SUGARCANE WERE PLentiful IN THE AREA. A SIMILARLY-SIZED FIELD APPROXIMATELY 0.5 KM ESE WAS NOT USED BY RAPTORS FOR ROOSTING.

WE COUNTED THE NUMBER OF EACH SPECIES ARRIVING AT DUSK TO THE ROOST ON SIX EVENINGS IN DECEMBER 2004 FROM 1.5 HR BEFORE SUNSET UNTIL IT WAS TOO DARK TO SEE. BUT OUR COUNTS OF KITES WERE ALWAYS FEWER THAN WHAT WE COUNTED WHEN THE KITES BOILED UP AND FLEW AROUND JUST AS IT BECAME DARK.

THE COUNT OF KITES VARIED FROM 27–97 ON SIX EVENINGS. COUNTS OF MERLINS VARIED BETWEEN 6 AND 13, AND HARRIERS BETWEEN 7 AND 12. WE ALSO SAW FROM 5–10 AMERICAN KESTRELS (FALCO SPARVERIUS) GATHERED ON THE TELEPHONE WIRE THAT RAN ALONG ONE SIDE OF THE FIELD. SOME WERE SEEN TO FLY INTO THE SUGARCANE AS IT BECAME DARK. ONE JUVENILE WHITE-TAILED HAWK (BUTEO ALBICAUDATUS) AND ONE JUVENILE CRESTED CARACARA (CARACARA CHERIWAY) WERE OBSERVED DROPPING INTO THE SUGARCANE FIELD ON DIFFERENT NIGHTS, APPARENTLY TO ROOST WITH THE OTHER RAPTORS.

ALL THREE SPECIES WERE SEEN TO PRE-ROOST ON THE BARE GROUND OF ADJACENT HARVESTED FIELDS. RELATIVELY FEW KITES DID THIS, MORE HARRIERS DID, AND ALMOST ALL OF THE MERLINS DID SO. NONE OF THESE SPECIES WERE REGULARLY SEEN TO HUNT THE RECENTLY-HARVESTED SUGARCANE FIELDS. IT WAS NOT CLEAR WHETHER THE KITES ROOSTED FOR THE NIGHT ON THE GROUND OR ON THE SUGARCANE STALKS, SOME OF WHICH WERE BENT HORIZONTAL, OR BOTH; THEY HAVE BEEN REPORTED TO DO BOTH (DUNK 1995, THE BIRDS OF NORTH
America, No. 178. The Academy of Natural Sciences, Philadelphia, PA U.S.A. and the American Ornithologists’ Union, Washington DC U.S.A.). Harriers usually roost on the ground, but Merlins usually roost in trees, as did the ones I observed in Israel. Also, we were unable to determine whether or not the raptors roosted in species clusters or were spread out over the rather large field.

Given their different foraging habits, I believe that the species were not roosting together for interspecific information gathering as per the Information Center Hypothesis (Ward and Zahavi, 1973. *Ibis* 115:517–534). Rather, the three species found this a suitable roosting area and, through communal use of this area, might have experienced reduced predation pressure.

This is the first record of communal night roost of Merlins in North America, and the first North American record of three species of diurnal raptors from two families of Falconiformes roosting together, although both have been reported from Europe.

I thank Pat Wade for spotting and calling my attention to the kites coming to roost. Roger Clarke, Jeff Dunk, and Ian Warkentin made comments on earlier drafts.—William S. Clark (e-mail address: raptours@earthlink.net), 2301 S. Whitehouse Circle, Harlingen, Texas, 78550 U.S.A.

Received 11 November 2005; accepted 18 March 2006

Associate Editor: Michael I. Goldstein
AN INVOLUNTARY OMISSION: A RESPONSE TO SARASOLA

Sarasola (2006, *J. Raptor Res.* 40:178) claims that the data in Leveau et al. (2004, *J. Raptor Res.* 38:178–181) were previously published in Leveau et al. 2002 (*Ornitol. Neotrop.* 13:307–311). We did use a modified version of the same data set, but did not acknowledge that most of the data on the White-tailed Kite (*Elanus leucurus*) diet were published in another paper that addressed a different research question. This omission was unintentional.—*Lucas M. Leveau* and *Carlos M. Leveau* (e-mail address: lucasleveau@yahoo.com.ar), Alte. Brown 2420 1° A, Mar del Plata (7600), Buenos Aires, Argentina; and *Ulyses F.J. Pardiña*, Centro Nacional Patagónico, Casilla de Correo 128, 9120 Puerto Madryn, Argentina.

Received 23 June 2005; Accepted 9 December 2005
Associate Editor: Michael I. Goldstein