

**BROAD-BILLED HUMMINGBIRD (*Cynanthus latirostris*)
IN PAYNE COUNTY, OKLAHOMA**

FRED S. GUTHERY

322 Tan Tara, Stillwater, OK 74075

Abstract—This is the fourth documented record (all with photographs) of the Broad-billed Hummingbird in Oklahoma.

INTRODUCTION

Broad-billed Hummingbirds (*Cynanthus latirostris*) were observed in Payne County, north-central Oklahoma, during late summer, fall, and early winter of 2014–2015. Males arrived in the Tan Tara neighborhood, about 10 km west of Stillwater, in late July or early August 2014 (Mike Shaw, Oklahoma Department of Wildlife Conservation, retired, pers. comm.). Shaw simultaneously observed two males using feeders on his lot (9212 Burr Oak) but my observations apparently were limited to a single male, which used feeders at three different residencies: Grady (9201 Burr Oak); Guthery (322 Tan Tara) (Figure 1 and 2); and Thomas (302 Tan Tara).

DISCUSSION

In the early morning of 4 January 2015, a cold front dropped the temperature to -10°C. Winds gusted to 50 km/h. The sudden change in weather conditions may have killed the broad-bill or induced it to migrate because he was not seen on this day and thereafter.

Broad-billed Hummingbirds were previously observed in the Tan Tara neighborhood. The Thomases, skilled amateur ornithologists who maintain written records of species and date of bird occurrences on their lot, had two observations of a Broad-billed Hummingbird in 2006 (unpublished data, nor reported to OBRC).

This is the fourth documented record (all with photographs) of the Broad-billed Hummingbird in Oklahoma. A broad-billed stayed at the Buller residence 3.2 km west of Lawton, OK, during 12 September 2002



Figure 1. Male Broad-billed Hummingbird (*Cyanthus latirostris*) perched on weeping willow (*Salix sp.*) at 322 Tan Tara Street, Stillwater, Payne County, Oklahoma, 9 October 2014. Photo by Fred S. Guthery.

through 5 January 2003 (Arterburn, J. W. 2004. Oklahoma bird review committee: 2002 report. Bulletin Oklahoma Ornithological Society 37[1]:1-8). Another male was noted in Durham, Roger Mills County, 14-16 May 2003, at the Adams winery (Arterburn, J. and J. Loyd. 2003. Fall season—Oklahoma birds records committee. Scissortail 53[2]:17-21). There was an immature male observed from 22-29 April 2011 in Meers, Comanche County, at the feeder of Carol and Dennis Stayer (Silcock, W.



Figure 2. Male Broad-billed Hummingbird (*Cyanthus latirostris*) perched on a window feeder at 322 Tan Tara Street, Stillwater, Payne County, Oklahoma, 13 October 2014. Photo by Fred S. Guthery.

R., and J. A. Grzybowski. 2011. Spring migration: March through May 2011: Southern Great Plains. *North American Birds* 65:475–478 [photo on page 570]).

The species has been reported in Kansas with three confirmed records. One was reported in Garden City, Finney County, from 10 October through 29 November 2004 (Thompson, M.C., C. Ely, B. Gress, C. Otte, S.T. Patti, D. Seibel, and E.A. Young. 2011. *Birds of Kansas*. University Press of Kansas, Lawrence, KS). Interestingly, this bird was found stressed by a snowstorm, it was recovered and taken to the local zoo where it remained until it died on 18 May 2005, in definitive alternate plumage (Ibid). The second record was from 26 April 2006 in northeastern Kansas (Ibid). The third record is from western Kansas, also a spring record reported from 8-12 June 2012 (Land, M.E. 2012. 2011 Report of the Kansas Bird Record Committee. *Kansas Ornith. Soc. Bull.* 63[3]:31-34).

Otherwise, its primary range is western Mexico south of the United States. The Broad-billed Hummingbird is widely distributed, but classified as rare in coastal zones of southern California, Louisiana, and

Mississippi, the southern half of Texas, interior zones in Arizona and New Mexico, and northeastern Mexico (Sibley, D. A. 2014. *The Sibley Guide to Birds*. Alfred A. Knopf, New York).

ACKNOWLEDGMENTS

Tim O'Connell confirmed identification of the Broad-billed Hummingbird based on a digital photograph taken at the Guthery house. Joe Grzybowski, Doug Wood, and an anonymous referee commented on a draft of this manuscript. Gene Young provided data on Kansas records.

Received 23 January 2015; accepted 25 March 2015.

The *Bulletin of the Oklahoma Ornithological Society* (ISSN 0474-0750) is published quarterly in March, June, September, and December at Tonkawa, OK. Editor, EUGENE A. YOUNG, Agriculture, Science, and Engineering Division, Northern Oklahoma College, 1220 E Grand, PO Box 310, Tonkawa, OK 74653-0310, (eugene.young@noc.edu). Subscription is by membership in the OOS: \$15 student, \$25 regular, \$35 family, \$40 or more sustaining, per year; life membership \$500. Questions regarding subscription, replacement copies, back issues, or payment of dues should be directed to DON GLASS, OOS Membership/Circulation Chairman, P.O. Box 2931, Claremore, OK 74018.