

2015-16 SWIFT FOX PELT TAGGING REPORT

PERFORMANCE REPORT STATEWIDE WILDLIFE RESEARCH AND SURVEYS

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Robin Jennison
Secretary

Prepared by

Matt Peek
Furbearer Biologist

Jake George
Wildlife Division Director

Rich Schultheis
Wildlife Research Supervisor



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Prepared by Matt Peek, Furbearer Biologist

The swift fox (*Vulpes velox*) is classified as a furbearer in Kansas (K.S.A. 32-701 (e)). There has been a harvest season for swift fox in Kansas since 1982. Since that time, harvest information has been acquired by the Kansas Department of Wildlife, Parks and Tourism (KDWPT) through an annual Furbearer Harvest Survey. Additionally, a pelt tagging program was initiated in 1994 to acquire more precise information on swift fox distribution and harvest.

Any swift fox taken in Kansas must be presented to KDWPT for tagging within seven days of the close of the season (K.A.R. 115-5-2). All five KDWPT regional and district offices as well as biologists and conservation officers within or near the swift fox range are provided with tags. The number of swift foxes presented annually to KDWPT for pelt tagging since the tagging program was initiated is presented in **Figure 1**. In 2015-16, 75 swift foxes were taken by furharvesters in Kansas. This is just under half the previous year's harvest, and also just under the average number of foxes tagged since the pelt tagging program began (n=79).

Swift foxes may be taken using equipment authorized in K.A.R. 115-5-1. **Table 1** provides a breakdown of the methods used to take swift foxes and the primary species being pursued at the time the swift fox was taken. Trapping accounted for 73% of the harvest, but less than 27% of the harvest was taken by individuals whose primary target was swift fox. Most years, this value is 50-80%.

A total of 32 furharvesters took swift foxes during the season, down from 41 last season. Annual season bag per furharvester is provided in **Table 2**.

Swift fox season opened on November 18, 2015 and ended February 15, 2016. Daily harvest is provided in **Figure 2**. Harvest by month is as follows: November – 1, December – 31, January – 34, February – 5 (n=71).

Swift foxes were harvested from 12 western Kansas counties in 2015-16. Counties from which swift foxes have been harvested since 2012 and the most recent year of harvest is provided in **Figure 3**.

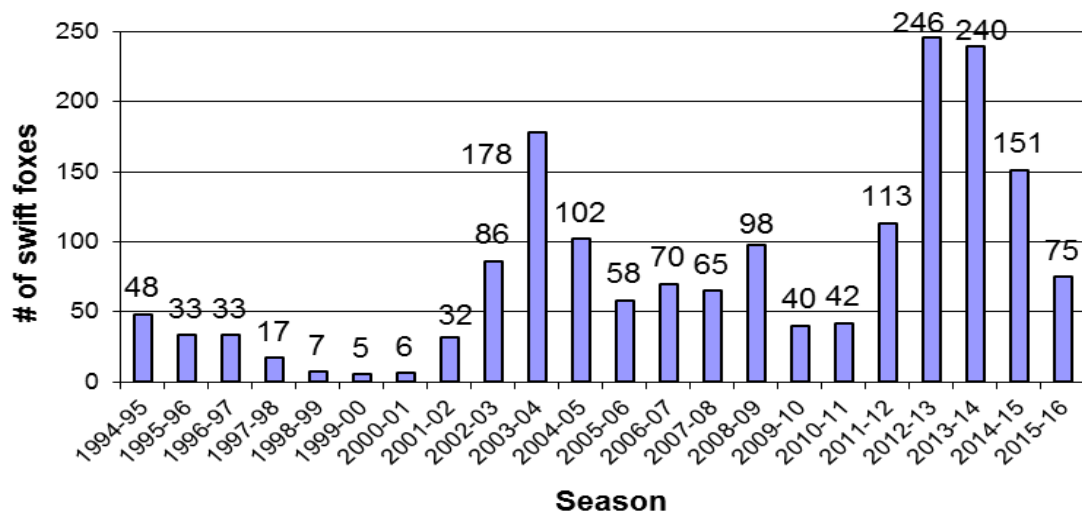


Figure 1. Number of swift foxes pelt tagged annually by KDWPT since a tagging program was initiated in 1994.

Table 1. Methods used to take swift foxes during the 2015-16 furbearer season in Kansas.

Method of Harvest	Swift Fox	Coyote	Bobcat	Raccoon	Deer	Salvage	Unspecified	Subtotal Number	Percent
Foothold trap	11	33	2					46	61.3
Cage trap	7			1				8	10.7
Snare		1						1	1.3
Rifle		5	1		1			7	9.3
Shotgun	2	3						5	6.7
Salvage						6		6	8.0
Unspecified							2	2	2.7
Subtotal Number	20	42	3	1	1	6	2	75	
Percent	26.7	56.0	4.0	1.3	1.3	8.0	2.7		100.0

Table 2. Total bag of swift foxes by individual furharvesters during the 2015-16 furbearer season in Kansas.

Season Bag per Furharvester	Number of Furharvesters	Percent of Furharvesters	Cumulative Percent of Furharvesters	Total number of Swift Fox Taken	Percent of Swift Fox Taken	Cumulative Percent of Swift Fox Taken
1	14	43.75%	43.75%	14	18.67%	18.67%
2	9	28.13%	28.13%	18	24.00%	42.67%
3	5	15.63%	43.75%	15	20.00%	62.67%
4	2	6.25%	50.00%	8	10.67%	73.33%
8	1	3.13%	53.13%	8	10.67%	84.00%
12	1	3.13%	100.00%	12	16.00%	100.00%

32

75

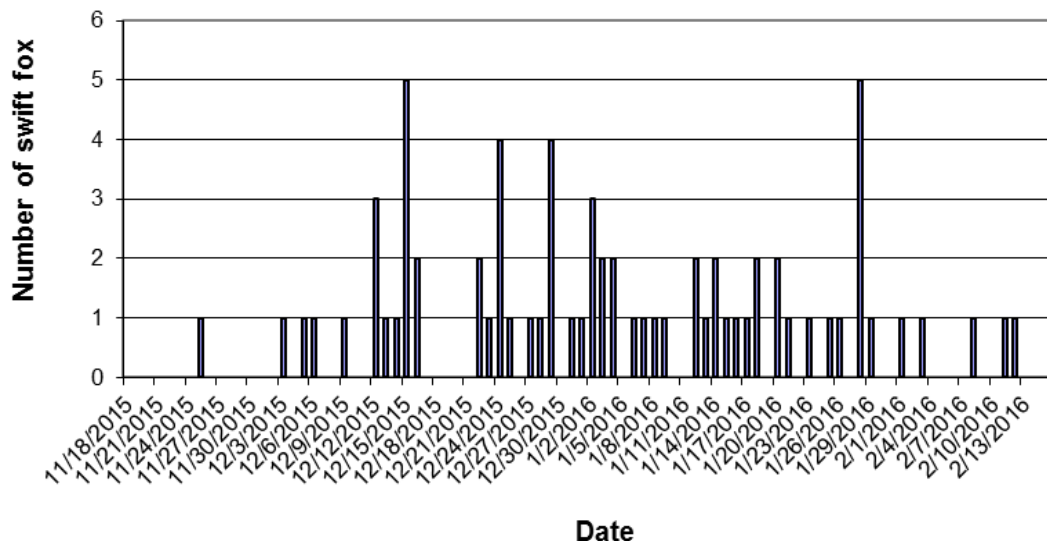


Figure 2. Estimated number of swift foxes taken per day during the 2015-16 furharvesting season.

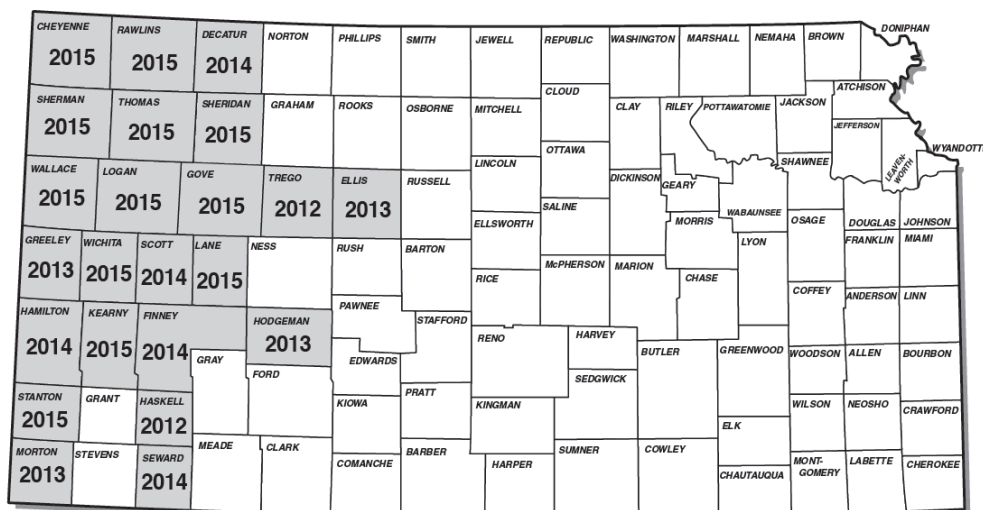


Figure 3. Kansas counties from which swift foxes have been harvested since 2012, and the most recent year of harvest.

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