Data Summary

California Department of Fish and Wildlife, Fisher Distribution Assessment

Galbreath Preserve, Sonoma State University

Information resulting from this study will contribute to describing the current distribution of fisher in California. Sample units 4 square miles in size were established within Humboldt and Mendocino counties; each sample unit contained two survey stations located at least one mile apart. Detection devices at each survey station include a remotely-triggered camera (*Reconyx Hyperfire*) with a passive infrared sensor. Stations were baited with chicken or venison and a commercial scent lure. Sampling occurred at each station for at least 28 days. Stations were checked and re-baited weekly.

Station ID	Lat.	Long.	Start Date	End Date	Species Detected
23419-C	38.849	-123.252	12/12/13	01/13/14	No species detected
23419-O	38.863	-123.248	12/12/13	01/13/14	Gray Fox, Opossum, Raccoon, Bobcat, Western Gray Squirrel,

2012-2014 Project Overview:

Total Camera Stations	179	
Number of Species at Camera Station	Number of Cameras	Percentage
0	25	14.0
1	32	17.9
2	29	16.2
3	37	20.7
4	33	18.4
5	14	7.8
6	6	3.4
7	2	1.1
Average Number of Species at Station	2.55	

Species	Stations having Detections	Station Detection Rate*
Deer	77	43.3
Bear	59	33.1
Fisher	25	14.0
Gray Fox	70	39.3
Coyote	12	6.7
Opossum	24	13.5
Raccoon	6	3.4
Ringtail	5	2.8
Striped Skunk	9	5.1
Spotted Skunk	14	7.9
Mountain Lion	8	4.5
Bobcat	22	12.4

*Station detection rate is the number of stations having detections per number of stations monitored.

Frequency of Species Detected

Legend:
- 2012-13 Field Season
- 2013-14 Field Season
- Entire Project

Y-axis: Station Detection Rate (0.0 to 50.0)

X-axis categories: Deer, Bear, Fisher, Gray Fox, Coyote, Opossum, Raccoon, Ringtail, Striped Skunk, Spotted Skunk, Mountain Lion, Bobcat