

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: (<i>Vulpes macrotis</i>/Kit fox)			
Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	A	Restricted range in Colorado River Basin and southwest corner of state. Small population currently being studied in vicinity of Delta, CO. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> • Mammals of CO. • CNHP Database • NatureServe • Fitzgerald 1997
2 Distribution outside R2	C	<i>V. macrotis</i> are found in arid portions of CA, NV, AZ, UT, NM, western CO, southern OR, southern ID, down to central Mexico. The San Joaquin Valley population in CA is recognized as a subspecies and is listed by USFWS as Endangered. Population information of the other subspecies is limited. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> • Mammals of CO. • Fitzgerald 1997 • CNHP Database
3 Dispersal Capability	A	In CO. are reproductively isolated from one another and have distinctive ecological requirements. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> • Mammals of CO. • CNHP Database • Fitzgerald 1997
4 Abundance in R2	A	Small population is currently being studied in vicinity of Delta, CO. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> • Fitzgerald 1997 • CNHP Database • NatureServe
5 Population Trend in R2	D	Due to scarcity of information, it is hard to assess this field. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> • Fitzgerald 1997
6 Habitat Trend in R2	D	Suitable habitat is declining due to agriculture conversion and urban encroachment. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> • Fitzgerald 1997 • CNHP Database • NatureServe
7 Habitat Vulnerability or Modification	B	Agriculture conversion and urban encroachment Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> • CNHP Database • NatureServe

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8 Life History and Demographics	B	Extent of monogamy is not clear some pairs appear to be monogamous while others are not. Litters are usually limited at 4 to 5 pups once a year. Coyotes are major factor of mortality along with vehicles, trapping, shooting, and predator poisoning. Confidence in Rank High or Medium or Low	<ul style="list-style-type: none"> • CNHP Database • Fitzgerald 1997
Initial Evaluator(s): Janet S. Moser, Arapaho-Roosevelt National Forest; jsmoser@fs.fed.us			Date: July 13,2001

National Forests in the Rocky Mountain Region where species is KNOWN (K) or LIKELY(L)¹ to occur:

<u>Colorado NF/NG</u>		<u>Kansas NF/NG</u>		<u>Nebraska NF/NG</u>		<u>South Dakota NF/NG</u>		<u>Wyoming NF/NG</u>	
Known	Likely	Known	Likely	Known	Likely	Known	Likely	Known	Likely
Arapaho-Roosevelt NF		Cimmaron NG		Samuel R. McKelvie NF		Black Hills NF		Shoshone NF	
White River NF				Halsey NF		Buffalo Gap NG		Bighorn NF	
Routt NF				Nebraska NF		Ft. Pierre NG		Black Hills NF	
Grand Mesa, Uncompahgre, Gunnison NF	x			Ogalala NG				Medicine Bow NF	
San Juan NF	x							Thunder Basin NG	
Rio Grande NF									
Pike-San Isabel NF									
Comanche NG									

References – Kit Fox (*Vulpes macrotis*)

CNHP Database. 2001. Unpublished distribution information for *Vulpes macrotis* in Colorado from the Biological and Conservation Data System of the Colorado Natural Heritage Program, Colorado State University, Fort Collins, Colorado.

Fitzgerald, J. P., C. Meaney, and D. M. Armstrong. 1994. Mammals of Colorado. Denver Museum of Natural History and University Press of Colorado. 467pp.

¹ Likely is defined as more likely to occur than not occur on the National Forest or Grassland. This generally can be thought of as having a 50% chance or greater of appearing on NFS lands.

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Fitzgerald, J. P., 1997. Kit Fox (*Vulpes macrotis*) Status in Colorado. Colorado Division of Wildlife, Wildlife Research Report, July 1997. 58pp.

NatureServe: An online encyclopedia of life [web application]. 2001. Version 1.4. Arlington, Virginia, USA: Association for Biodiversity Information.