

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: ( <i>Puma concolor</i> ( <i>Felis concolor</i> )/Mountain Lion)			
Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	B	Habitat is broadly distributed, with few disjunct patches in Black Hills, Nebraska, and Bighorns. A game species in Colorado and Wyoming.  Confidence in Rank <u>High</u> or Medium or Low	<ul style="list-style-type: none"> <li>• Natureserve: An online encyclopedia. 2001.</li> <li>• Colorado game regulations.</li> <li>• Wyoming Game regulations</li> <li>• Wyoming Game and Fish Department. 2000.</li> </ul>
2 Distribution outside R2	C	Widely distributed from Canada to South America.  Confidence in Rank <u>High</u> or Medium or Low	<ul style="list-style-type: none"> <li>• Natureserve: An online encyclopedia. 2001.</li> <li>•</li> </ul>
3 Dispersal Capability	B	Can disperse 120 – 180 miles, though usually not across large expanses of open areas.  Confidence in Rank <u>High</u> or Medium or Low	<ul style="list-style-type: none"> <li>• Higgins et al. 2000.</li> </ul>
4 Abundance in R2	C	Hunted species in Colorado and Wyoming Apparently secure in Colorado and Wyoming. Critically imperiled in Nebraska. Imperiled in SD, but expanding and doing well in the Black Hills. Appears common across most of Region with the exception of parts of some states.  Confidence in Rank <u>High</u> or Medium or Low	<ul style="list-style-type: none"> <li>• Colorado game regulations.</li> <li>• Wyoming Game regulations</li> <li>• Wyoming Game and Fish Department. 2000</li> <li>• Natureserve: An online encyclopedia. 2001.</li> </ul>

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5 Population Trend in R2	B	Harvest rates in WY have increased over the last 7 years suggesting an increase in population. SD populations are expanding from the Black Hills. Unclear whether populations across the Region 2 are increasing.  Confidence in Rank High or <u>Medium</u> or Low	<ul style="list-style-type: none"> <li>Wyoming Game and Fish Department. 2000.</li> <li>Higgins et al. 2000.</li> </ul>
6 Habitat Trend in R2	B	Typically occur in remote areas with broken terrain and sufficient cover. Habitat is tied closely to that of its major prey – mule and white-tailed deer. Deer harvests are stable in WY. Deer herds may be down in Colorado.  Confidence in Rank High or <u>Medium</u> or Low	<ul style="list-style-type: none"> <li>Colorado Division of Wildlife 1999 Annual Report.</li> <li>Higgins et al. 2000.</li> <li>Wyoming Game and Fish Department. 2000.</li> </ul>
7 Habitat Vulnerability or Modification	B	Habitat in Colorado is mostly in the foothills, canyons and mesa country. Somewhat vulnerable due to rural development in Colorado.  Confidence in Rank High or <u>Medium</u> or Low	<ul style="list-style-type: none"> <li>Colorado Division of wildlife: <a href="http://www.wildlife.state.co.us/Education/mammals/guide/mountain_lion.htm">http://www.wildlife.state.co.us/Education/mammals/guide/mountain_lion.htm</a></li> </ul>
8 Life History and Demographics	B	Low reproductive rates (usually 2-3 kittens every other year).  Confidence in Rank <u>High</u> or Medium or Low	<ul style="list-style-type: none"> <li>Higgins et al. 2000.</li> </ul>
Initial Evaluator(s): Kerry Burns  KAB			Date: July 10, 2001

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

<sup>1</sup> 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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<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
	X	Cimmaron NG		Samuel R. McKelvie NF		Black Hills NF	X	Shoshone NF	X
	X			Halsey NF		Buffalo Gap NG		Bighorn NF	X
	X			Nebraska NF		Ft. Pierre NG		Black Hills NF	X
	X			Ogalala NG				Medicine Bow NF	X
	X							Thunder Basin NG	
	X								
	X								
	X								

LITERATURE CITED

Higgins, K.F., E.D. Stuckel, J.M. Goolet, and D.C. Backlund. 2000. Wild mammals of South Dakota. South Dakota Game, Fish, and Parks Department; Pierre. 278 p.

Natureserve: An online encyclopedia of life (web application). 2001. Version 1.4. Arlington, Virginia, USA. Assosiation of Biodiversity Information. Available: [HTTP://www.natureserve.org/](http://www.natureserve.org/). (Accessed: June 25, 2001).

Wyoming Game and Fish Department. 2000. Annual Report of Big Game Harvest 1999. Wyoming Game and Fish Department, Biological Services. July, 2000.