

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: Rubus acaulis – Northern Blackberry – RUARA2 (Synonyms: Cylactis arctica - CYARA, Rubus arcticus – RUARA4)			
Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	A	Known from one population on Bighorn NF in WY, and 3-4 populations on the Arapaho/Roosevelt and Pike/San Isabel NFs in CO.  Confidence in Rank High	<ul style="list-style-type: none"> <li>Fertig, 1994</li> <li>Scholl and Smith, 2000</li> <li>CNHP, 2001</li> <li>Fertig 1999</li> </ul>
2 Distribution outside R2	C	Common as dirt in Canada, G5 rank. Boreal species. Alaska to Newfoundland south to British Columbia. Occurs in Alaska, Oregon, Washington, Montana, Minnesota, Michigan, Maine in US. B rank is based on Canadian populations, riparian habitat specificity. C rank is based on US populations, riparian habitat specificity.  Confidence in Rank High	<ul style="list-style-type: none"> <li>USDA, NRCS, 2001</li> <li>Fertig 1994</li> </ul>
3 Dispersal Capability	A	In Colorado and Wyoming, very limited because of isolated nature of known populations and primarily rhizomatous method of reproduction. Seldom produces fruit in Colorado  Confidence in Rank High	<ul style="list-style-type: none"> <li>Scholl and Smith, 2000</li> <li>Fertig, 1999a</li> <li>(Spackman, 1997)</li> </ul>
4 Abundance in R2	B	Bighorn population estimated to be 51,000 to 77,000 (actual number of genetically distinct individuals probably far less due to rhizomatous nature). The 3-4 populations on Arapaho-Roosevelt National Forest are significantly smaller, all are along one creek, no monitoring is currently planned or underway.  Confidence in Rank Medium	<ul style="list-style-type: none"> <li>Fertig, 1999a</li> <li>Scholl and Smith, 2000</li> </ul>
5 Population Trend in R2	D	Unknown population trend is reason why Bighorn began a population trend monitoring program in 1999.  Confidence in Rank High	<ul style="list-style-type: none"> <li>Fertig, 1999a</li> <li>Scholl and Smith, 2000</li> </ul>
6 Habitat Trend in R2	B	“Probably stable during the short term, but this species may be in decline in Wyoming over the past several thousand years due to climate change.” No trend data available for the Arapaho-Roosevelt National Forest in Colorado.  Confidence in Rank Low	<ul style="list-style-type: none"> <li>Welp, et al, 2000</li> </ul>

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<p><b>7</b> Habitat Vulnerability or Modification</p>	<b>B</b>	<p>Bighorn habitat is potentially impacted by grazing, logging, recreation use, and highway above population, located in an area managed for multiple use. Arapaho-Roosevelt National Forest is potentially impacted by recreation use (one population is adjacent to campground) and highway maintenance (another is adjacent to a highway and county road intersection).</p> <p>Confidence in Rank Medium</p>	<ul style="list-style-type: none"> <li>• Fertig, 1999</li> <li>• Fertig, 1999a</li> </ul>
<p><b>8</b> Life History and Demographics</p>	<b>D</b>	<p>Unknown</p> <p>Confidence in Rank Medium</p>	<ul style="list-style-type: none"> <li>•</li> </ul>
<p>Evaluator(s): Bernie Bornong, Bighorn NF. Angelique Petterson, Arapaho-Roosevelt NF.</p>			<p>Date: 8/1/01</p>

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

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

### Bibliography

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<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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