

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: <i>Lycopus uniflorus</i> / Northern Bugleweed			
Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	AD	Northern Bugleweed occurs in the Black Hills of Crook County, Wyoming, on the Black Hills National Forest. It also occurs in Colorado, Kansas, Nebraska, and South Dakota. Therefore, additional information is necessary in order to determine its status in Region 2. In Wyoming, this species is found in open to shady areas along streambanks, seeps, marshes, and peat bogs. Its habitat is patchy across the landscape. Confidence in Rank High	<ul style="list-style-type: none"> • Dorn 2001 • Fertig 2000 • Gleason and Cronquist 1991 • Great Plains Flora Association 1986 • Hitchcock et al. 1959 • University of Wyoming 1998
2 Distribution outside R2	B	Northern Bugleweed is known from Alaska to Newfoundland, south to California, Montana, Nebraska, Arkansas, and North Carolina. In Wyoming, it occurs outside of Region 2 in Teton County in Yellowstone National Park. Confidence in Rank High	<ul style="list-style-type: none"> • Gleason and Cronquist 1991 • Great Plains Flora Association 1986 • Hitchcock et al. 1959
3 Dispersal Capability	D	Dispersal vectors are unknown. Confidence in Rank High	<ul style="list-style-type: none"> • -
4 Abundance in R2	AD	Northern Bugleweed is known from 2 extant occurrences in Wyoming, one of which is on the Black Hills National Forest. Census data are lacking. This species is ranked "S1" in Wyoming and Kansas, and it is present but not ranked in Colorado, Nebraska, and South Dakota. Confidence in Rank High	<ul style="list-style-type: none"> • Fertig 2000 • University of Wyoming 1998 • USDA Forest Service 2001 • WYNDD 2002
5 Population Trend in R2	D	Not known. Confidence in Rank High	<ul style="list-style-type: none"> • -
6 Habitat Trend in R2	D	Not known. Confidence in Rank High	<ul style="list-style-type: none"> • -

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7 Habitat Vulnerability or Modification	BD	Threats are not known. Northern Bugleweed occurs on lands managed for multiple use by the Black Hills National Forest and in Yellowstone National Park. Confidence in Rank High	<ul style="list-style-type: none"> Fertig 2000 University of Wyoming 1998 WYNDD 2002
8 Life History and Demographics	D	Northern Bugleweed is a stoloniferous, perennial forb. Flowering and fruiting occur from July through September. Additional information on the species, including life history stages, population structure, longevity, mortality, and seed biology, are not available. Confidence in Rank High	<ul style="list-style-type: none"> Fertig 2000 Gleason and Cronquist 1991 Great Plains Flora Association 1986 Hitchcock et al. 1959
Initial Evaluator(s): Joy Handley and Scott Laursen			Date: April 9, 2002

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

Literature cited

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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