

## R2 Individual Species Recommendations

<b>TAXON</b>	<b>Scientific Name</b>			<b>Common Name</b>	
PP	BOTRYCHIUM CAMPESTRE			Prairie moonwort	
<b>FWS</b>	<b>FS</b>	<b>BLM</b>			
	R2				
<b>Grank</b>	<b>CO S Rank</b>	<b>WY S Rank</b>	<b>SD S Rank</b>	<b>NE S Rank</b>	<b>KS S Rank</b>
G3N3	S1	S1	SR		
	<b>CO Status</b>	<b>WY Status</b>	<b>SD Status</b>	<b>NE Status</b>	<b>KS Status</b>
<b>IUCN</b>	<b>PIF – Area Importance</b>		<b>PIF – Population Trend</b>		
<b>FS Experts assigned Species Evaluation</b>			<b>Non-NFS Experts assigned Species Evaluations</b>		
			Dave Ode WYNDD Bonnie Heidel, Scott Laursen WYNDD		
<b>Sensitive Species Recommendation</b> (Please check 1 box below)					
<input checked="" type="checkbox"/>	R2 Sensitive Species (SS)		Not R2 SS, but should be considered for other Emphasis Species Lists		
<input type="checkbox"/>	Not R2 SS and Not of Concern Now		Insufficient Information Available to make a recommendation		
<b>Recommendation Rationale</b>					
<p>Region 2 is at the southern periphery of the range of this species. It is reported from very few locations in Region 2: 1 (possibly 3) in CO, 1 in NE, 1 in SD, and possibly 1 in WY (the latter may be an incorrect identification). Although it has a broad geographic range, its distribution is many small disjunct populations separated by large areas of unsuitable habitat. It is listed as a sensitive species in Regions 6 and 9. A draft assessment prepared as part of the Species Conservation Project states that this plant is restricted to native prairie habitats, commonly associated with loess soils, and usually in tall to midgrass prairie systems. The primary threat to habitat has been conversion of prairie to agriculture. Burning combined with drought and erosion can be harmful. Management that maintains or mimics ecosystem processes (e.g., prairie fires and bison grazing) would likely benefit the species. Population monitoring in Iowa and Minnesota shows that populations there are in decline. The habitat specificity, limited availability of habitat, rarity, and downward declines in neighboring populations suggest that it is quite vulnerable to extirpation locally or even regionally, and therefore this species merits sensitive status.</p>					
<b>Name/Title</b>	Nancy Warren			<b>Date</b>	March 17, 2003