

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: <i>Armeria maritima</i> ssp. <i>sibirica</i> (<i>A.m.</i> var <i>siberica</i> , <i>A.m.</i> ssp. <i>Labradorica</i> , <i>A.m.</i> var. <i>labradorica</i> , <i>A. scabra</i> ssp. <i>Sibirica</i>)/Sea Pink (USDA common name is Siberian Sea Thrift)			
Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	A	<i>A. maritima</i> ssp. <i>sibirica</i> is a small plant in the Pink family. It occurs in four locations in the continental US; all in Summit County CO; all on Hoosier Pass and Hoosier Ridge (connecting Hoosier Ridge with Mt. Silverheels) in the WRNF within the Dillon RD. It has been found in very restricted habitats sparsely described as; wet sandy soils, on south-facing slopes, at elevations ranging from 12,250 to 13,000 feet. Records indicate the last species collection was in 1997. There is no indication of the level of survey effort that has been expended on locating other populations since its discovery in 1934. It is ranked as S1 in Colorado. Suitable habitats for this species are scarce and isolated in R2. Confidence in Rank Medium	<ul style="list-style-type: none"> • CNHP • USDA, NRCS. 2002. The PLANTS Database, Version 3.5 (http://plants.usda.gov). National Plant Data Center, Baton Rouge, LA 70874-4490 USA. (Accessed September 22, 2002) • NatureServe Explorer: An online encyclopedia of life [web application]. 2001. Version 1.6 . Arlington, Virginia, USA: http://www.natureserve.org/explore. (Accessed: September 22, 2002)
2 Distribution outside R2	B	<i>A. maritima</i> ssp. <i>sibirica</i> has been reported in AK, NY, and several provinces in Canada. It is ranked as an S1 in MB Canada, and S3, SR, and S? in remaining provinces. Confidence in Rank: Medium	<ul style="list-style-type: none"> • IBID
3 Dispersal Capability	D	Little is known about <i>A. maritima</i> ssp. <i>sibirica</i> 's dispersal capability. They are likely insect pollinated, as are other members of the Pink family. However, no information on pollinators, seed characteristics, or dispersal mechanisms is available. Based on lack of information on dispersal mechanisms and the restricted habitat, dispersal capability cannot be determined. Confidence in Rank Medium	<ul style="list-style-type: none"> • IBID • L. Watson and M. J. Dallwitz (1992 onwards). The Families of Flowering Plants: Descriptions, Illustrations, Identification, and Information Retrieval. Version: 14th December 2000, Dallwitz (1980), Dallwitz, Paine and Zurcher (1993, 1995, 2000), and Watson and Dallwitz (1991) (Accessed September 22, 2002) http://biodiversity.uno.edu/delta/

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Criteria	Rank	Rationale	Literature Citations
4 Abundance in R2	D	No information is available on abundance in reported populations of <i>A. maritima</i> ssp. <i>sibirica</i> 's in R2. Confidence in Rank Medium	<ul style="list-style-type: none"> • IBID •
5 Population Trend in R2	D	No information is available on population trends in reported populations of <i>A. maritima</i> ssp. <i>sibirica</i> in R2. Confidence in Rank Medium	<ul style="list-style-type: none"> • IBID
6 Habitat Trend in R2	D	No information is available on habitat trends in reported habitats suitable for <i>A. maritima</i> ssp. <i>sibirica</i> 's in R2. Confidence in Rank Medium	<ul style="list-style-type: none"> • IBID
7 Habitat Vulnerability or Modification	D	<i>A. maritima</i> ssp. <i>sibirica</i> 's is protected by its rugged, high-elevation, and inaccessible mountain habitat.. However, sufficient information on specific habitats is not available to assess other potential threats and vulnerabilities. Confidence in Rank Medium	<ul style="list-style-type: none"> • IBID
8 Life History and Demographics	D	There is no known published or unpublished information about the biology, ecology, or demography of <i>A. maritima</i> ssp. <i>sibirica</i> . Confidence in Rank Medium	<ul style="list-style-type: none"> • IBID
Initial Evaluator(s): Janice P. McKee, Botanist			Date: 09/22/02

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

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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<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	X			Halsey NF		Buffalo Gap NG		Bighorn NF	
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									
Comanche NG									