

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: <i>Lilium philadelphicum</i> L. / Wood lily / LIPH			
Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	C	<i>Lilium philadelphicum</i> apparently occurs on all Region 2 forests in Wyoming and South Dakota, and nearly all forests in Colorado. Distribution in Nebraska unknown. At least 40 known sites in Colorado. Listed as frequent to common in the Black Hills of South Dakota and frequent in the Black Hills of Wyoming. Confidence in Rank High	<ul style="list-style-type: none"> • Dorn, 1992 • Larson and Johnson, 1999 • NatureServe, 2001 • Van Bruggen, 1996 • Spackman et al., 1997
2 Distribution outside R2	C	Wide spread east and north of Region 2. Confidence in Rank High	<ul style="list-style-type: none"> • PLANTS, NRCS, 2001 • NatureServe, 2001
3 Dispersal Capability	B	No specialized seed structures or pollination system that would indicate enhanced dispersal capability. Confidence in Rank Low	<ul style="list-style-type: none"> •
4 Abundance in R2	C	At least 40 known sites in Colorado. Listed as frequent to common in the Black Hills of South Dakota and frequent in the Black Hills of Wyoming. Confidence in Rank High	<ul style="list-style-type: none"> • Larson and Johnson, 1999 • Van Bruggen, 1996 • Spackman et al., 1997
5 Population Trend in R2	D	Unknown Confidence in Rank High	<ul style="list-style-type: none"> •
6 Habitat Trend in R2	B	Open pine woodland, deciduous and riparian woodlands, meadows. Historically, there has been a decline of deciduous and riparian woodlands in the Black Hills. Confidence in Rank Medium	<ul style="list-style-type: none"> • Larson and Johnson, 1999 • Van Bruggen, 1996 • Spackman et al., 1997 • Great Plains Flora, 1986
7 Habitat Vulnerability or Modification	B	Deciduous and riparian areas are vulnerable to disturbance, meadows and pine woodlands less so. Confidence in Rank Medium	<ul style="list-style-type: none"> • Parrish et al. 1993

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8 Life History and Demographics	D	No specific life history or demographic traits that will affect this species positively or negatively are known. Confidence in Rank Medium	•
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National Forests in the Rocky Mountain Region where species is KNOWN (K) or LIKELY (L)¹ to occur:

Species Name: <i>Lilium philadelphicum</i> L. / Wood lily / LIPH											
<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		Known Likely
Arapaho-Roosevelt NF	?	Cimarron NG		Samuel R. McKelvie NF	?	Black Hills NF	X	Shoshone NF			X
White River NF	?			Halsey NF		Buffalo Gap NG		Bighorn NF			X
Routt NF	?			Nebraska NF	?	Ft. Pierre NG		Black Hills NF			X
Grand Mesa, Uncompahgre, Gunnison NF	?			Ogalala NG				Medicine Bow NF			X
San Juan NF	?							Thunder Basin NG			
Rio Grande NF	?										
Pike-San Isabel NF	?										
Comanche NG											
Pawnee NG											

Formatted

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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References

- Dorn, R. D. 1992. Vascular Plants of Wyoming, 2nd Edition. Mountain West Publishing, Cheyenne, WY.
- Great Plains Flora Association 1986. Flora of the Great Plains. University Press of Kansas. Lawrence, Kansas.
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- Parrish, J.B., Herman, D.J., Reyher, D.J. 1996. A Century of Change in the Black Hills Forest and Riparian Ecosystems. South Dakota Agricultural Experiment Station/U.S. Forest Service. Brookings, SD.
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