

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: **Cypripedium candidum** Muhl. ex Willd. / small white lady's-slipper / CYCA5
 (Scientific Name/Common Name/National Code for Plants – USDA PLANTS)

Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	NA	Not believed to occur within R2 (does occur rarely in e 1/2 NEB, e SD). Confidence in Rank Medium	<ul style="list-style-type: none"> Magrath 1973, Bowles 1983, GPFA 1977, SDNHD 2001.
2 Distribution outside R2	C	Historically from Ont. to Sask & south to AL, KY, MO, NEB. Now primarily in MN, WI, IL, MI, IN, IA, eSD, e NEB. Confidence in Rank High	<ul style="list-style-type: none"> GPFA 1986, Bowles 1983.
3 Dispersal Capability	B	Tiny, very light seeds. Virtually no endosperm. Needs mycorrhizal associate for seedling survival. Confidence in Rank High	<ul style="list-style-type: none"> Bowles 1983.
4 Abundance in R2	NA	Never documented from FS land in R2. Confidence in Rank Medium	<ul style="list-style-type: none"> Magrath 1973, Bowles 1983.
5 Population Trend in R2	D	If it ever did occur on FS land in R2, it has long since been eliminated. Confidence in Rank Medium	<ul style="list-style-type: none">
6 Habitat Trend in R2	D	Inhabits moist calcareous soils of mostly open sites, e.g. mesic or wet prairies, fens, marl flats, etc. Can't say whether any habitat occurred in R2 if plant did not. Confidence in Rank Medium	<ul style="list-style-type: none">
7 Habitat Vulnerability or Modification	D	ditto Confidence in Rank Medium	<ul style="list-style-type: none">

Sources Cited

Bowles, Marlin L. 1983. The tallgrass prairie orchids *Platanthera leucophaea* (Nutt.)Lindl. and *Cypripedium candidum* Muhl. ex Willd. : Some aspects of their status, biology, and ecology, and miplications toward management. *Natural Areas Journal* 3(4): 14-37.

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Magrath, Lawrence K. 1973. *The native orchids of the prairies and plains region of North America*. Ph.D. Dissertation, University of Kansas, Lawrence, KS.

South Dakota Natural Heritage Database (SDNHP). 2001. Game, Fish and Parks Department, Pierre, SD.