

REGION 2 SENSITIVE SPECIES EVALUATION FORM

Species: **Potamogeton praelongus** Wulf. / whitestem pondweed / POPR5
 (Scientific Name/Common Name/National Code for Plants – USDA PLANTS)

Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	B	nw & se WY, wSD (also ne SD), ncent NEB; nw, ncent & cent CO. Confidence in Rank Medium	<ul style="list-style-type: none"> • WYNDD 2001, GPFA 1977, Larson 1993, Weber 1976, Harrington 1964.
2 Distribution outside R2	C	Eurasia & across n North America from AK to Nfdl. and south to CA, UT, CO, NEB, IA, IN, NJ. Confidence in Rank High	<ul style="list-style-type: none"> • Fassett 1957, NatureServe 2001, Gleason 1952.
3 Dispersal Capability	B	Fruits consumed & presumably dispersed by waterfowl. Confidence in Rank Medium	<ul style="list-style-type: none"> • Fassett 1957.
4 Abundance in R2	B	WY: 4 extant occurrences & 1 historic record. CO: "few records" SD: single county record in R2. NE: Heritage ranked "S2" - 2 counties in ncent NEB. Probably undercollected but possibly rare habitat. Confidence in Rank Low	<ul style="list-style-type: none"> • WYNDD 2001, Harrington 1964, NatureServe 2001, Larson 1993.
5 Population Trend in R2	D	 Confidence in Rank Medium	<ul style="list-style-type: none"> •
6 Habitat Trend in R2	D	Typically inhabits deep water of cold, clear lakes & ponds. Reservoirs constructed on mountain streams probably have increased habitat, but this species apparently requires very clear water, so that increases in erosion resulting in increased turbidity has probably caused decline in habitat quality. Confidence in Rank Medium	<ul style="list-style-type: none"> •

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Criteria	Rank	Rationale	Literature Citations
7 Habitat Vulnerability or Modification	B	Probably vulnerable to increased turbidity from erosion and alien fish, i.e. carp. Also threatened by other invasive species, e.g. curly pondweed, Eurasian water milfoil, etc. Confidence in Rank Medium	•
8 Life History and Demographics	D	 Confidence in Rank Medium	•
Evaluator(s): David J. Ode			Date: 26 November, 2001

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.

Species Name: *Potamogeton praelongus*

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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	?	Cimarron NG		Samuel R. McKelvie NF	?	Black Hills NF	?	Shoshone NF	X
White River NF	?			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	X
San Juan NF								Thunder Basin NG	
Rio Grande NF									
Pike-San Isabel NF	?								
Comanche NG									
Pawnee NG									

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