

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORMSpecies: Iowa skipper (*Atrytone arogos iowa*)

Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	B1	Known from many populations but limited to patches of native prairie with <i>Andropogon gerardii</i> now found only in patches. Confidence in Rank High	<ul style="list-style-type: none"> Opler, P.A. 1999. Field Guide to Western Butterflies. Houghton Mifflin Co., Boston, 540 pp. Opler, Stanford, and Pavulaan. 2001. Butterflies of North America. Web site of USGS. Stanford, R.E. 1981. Hesperioidea <i>in</i> Ferris and Brown. Butterflies of the Rocky Mountain States. University of Oklahoma Press, Norman.
2 Distribution outside R2	C	Also occurs in native prairies of Texas, Oklahoma, Minnesota, and Iowa. Confidence in Rank High	<ul style="list-style-type: none"> Opler, Stanford, and Pavulaan. 2001. Butterflies of North America. Web site of USGS. Opler, P.A. 1999. Field Guide to Western Butterflies. Houghton Mifflin Co., Boston, 540 pp.
3 Dispersal Capability	D	No information available on this species' dispersal characteristics, although species can fly readily.	<ul style="list-style-type: none"> Opler (personal assessment)
4 Abundance in R2	C	Overall, species abundance and occurrence is such that its persistence in the region is assured. Nevertheless, the species can be lost in local areas due to destruction of native prairie or stochastic events such as small population size and fire. Confidence in Rank High	<ul style="list-style-type: none"> Opler (personal assessment)
5 Population Trend in R2	A	Populations are lost as native prairie is converted to agriculture or subjected to fire. This is an ongoing process and new habitats are not being created at a pace sufficient to keep up with losses. Confidence in Rank High	<ul style="list-style-type: none"> Opler (personal assessment)

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Criteria	Rank	Rationale	Literature Citations
6 Habitat Trend in R2	A	Suitable habitats are lost as native prairie is converted to agriculture or subjected to fire. This is an ongoing process and new habitats are not being created at a pace sufficient to keep up with losses. Habitats are native grasslands with big bluestem. These may be along Rocky Mountain front foothills with surrounding brush lands or may be in open prairie. Confidence in Rank High	<ul style="list-style-type: none"> Opler (personal assessment)
7 Habitat Vulnerability or Modification	A	Habitat is extremely vulnerable to development of any kind or overuse of fire management. Confidence in Rank High	<ul style="list-style-type: none"> Opler (personal assessment)
8 Life History and Demographics	A	Populations occupy most suitable habitats and do not recolonize after habitats are disturbed by fire or other disturbance unless another occupied habitat is nearby. The caterpillar food plant of the Arogos Skipper is Big Bluestem and presumably other native grasses. Adults nectar at flowers such as milkweed and alfalfa. Confidence in Rank Medium	<ul style="list-style-type: none"> Opler (personal assessment) Opler, P.A. 1999. Field Guide to Western Butterflies. Houghton Mifflin Co., Boston, 540 pp.
Initial Evaluator(s): Paul A. Opler, Professor, Colorado Statue University, Fort Collins, Colorado 80523			Date: 8/21/2001

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.

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<u>Colorado NF/NG</u>	Known	Likely	<u>Kansas NF/NG</u>	Known	Likely	<u>Nebraska NF/NG</u>	Known	Likely	<u>South Dakota NF/NG</u>	Known	Likely	<u>Wyoming NF/NG</u>	Known	Likely
Arapaho-Roosevelt NF		X	Cimmaron NG	X		Samuel R. McKelvie NF		X	Black Hills NF		X	Shoshone NF		
White River NF						Halsey NF		X	Buffalo Gap NG		X	Bighorn NF		
Routt NF						Nebraska NF		X	Ft. Pierre NG		X	Black Hills NF		X
Grand Mesa, Uncompahgre, Gunnison NF						Ogalala NG		X				Medicine Bow NF		
San Juan NF												Thunder Basin NG		X
Rio Grande NF														
Pike-San Isabel NF														
Comanche NG														