

ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORMSpecies: Sphinx Moth (Doll's Sphinx)/(*Sphinx dollii*)

Criteria	Rank	Rationale	Literature Citations
1 Distribution within R2	B1	In Region 2 the Doll's Sphinx is found only in arid habitats in northwestern Colorado. Confidence in Rank High	<ul style="list-style-type: none"> Smith, M.J. 1993. Moths of Western North America. 2. Distribution of Sphingidae of Western North America. Contribution of the C.P. Gillette Museum of Arthropod Diversity, Fort Collins, Colorado. Hodges, R.W. in Dominick, R.B. et al. 1971. The moths of America north of Mexico, fasc. 21 Sphingoidea. E.W. Classey Limited and R. B. D. Publications Inc., Middlesex, England. 164 pages, 14 color plates.
2 Distribution outside R2	C	Common in lowland arid habitats in much of the intermountain west south into northwestern Mexico. Confidence in Rank High	<ul style="list-style-type: none"> Smith, M.J. 1993. Moths of Western North America. 2. Distribution of Sphingidae of Western North America. Contribution of the C.P. Gillette Museum of Arthropod Diversity, Fort Collins, Colorado. Hodges, R.W. in Dominick, R.B. et al. 1971. The moths of America north of Mexico, fasc. 21 Sphingoidea. E.W. Classey Limited and R. B. D. Publications Inc., Middlesex, England. 164 pages, 14 color plates.
3 Dispersal Capability	B	Adults can fly quite well, and may be efficient at colonizing suitable habitat within short distances. Confidence in Rank High	<ul style="list-style-type: none"> Opler (personal assessment)

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Species: Sphinx Moth (Doll's Sphinx)/(<i>Sphinx dollii</i>)			
Criteria	Rank	Rationale	Literature Citations
4 Abundance in R2	B	Common where sampled in Region 2, often abundant elsewhere, especially to the south in Arizona. Confidence in Rank High	<ul style="list-style-type: none"> Opler (personal assessment)
5 Population Trend in R2	D	Insufficient information is available upon which to base any sort of estimate. Confidence in Rank High	<ul style="list-style-type: none"> Opler (personal assessment)
6 Habitat Trend in R2	B	Believed to be stable amounts of habitat with any habitat loss not an appreciable part of present range. Confidence in Rank Medium	<ul style="list-style-type: none"> Opler (personal assessment)
7 Habitat Vulnerability or Modification	C	Habitat is either relatively resilient or sufficient populations exist that vulnerability is not believed to be ever a factor. Confidence in Rank High	<ul style="list-style-type: none"> Opler (personal assessment)
8 Life History and Demographics	C	The caterpillars of this moth feed on Rocky Mountain juniper, Alligator juniper, and probably other species of Juniperus. Nectar sources used by the adults have not been recorded. Confidence in Rank High	<ul style="list-style-type: none"> Hodges, R.W. <i>in</i> Dominick, R.B. et al. 1971. The moths of America north of Mexico, fasc. 21 Sphingoidea. E.W. Classey Limited and R. B. D. Publications Inc., Middlesex, England. 164 pages, 14 color plates.
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National Forests in the Rocky Mountain Region where species is KNOWN (K) or LIKELY(L)¹ to occur:

<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			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		X				Ogalala NG						Medicine Bow NF		
San Juan NF												Thunder Basin NG		
Rio Grande NF														
Pike-San Isabel NF														
Comanche NG														

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.