

## ATTACHMENT SS2

REGION 2 SENSITIVE SPECIES EVALUATION FORMSpecies: A Tiger Beetle (*Amblycheila cylindriformis*)

Criteria	Rank	Rationale	Literature Citations
<b>1</b> Distribution within R2	<b>B1</b>	Occurs widely in Region—CO (many sites), NE, WY, KS, and SD. Usually found in isolated colonies.  Confidence in Rank <b>High</b>	<ul style="list-style-type: none"> <li>• Huber, R.L. 1997. First Wyoming record for <i>Amblycheila cylindriformis</i> (Say) with further distributional data. <i>Cicindela</i> 9:75-76.</li> <li>• Howden, H.F. 1970. First South Dakota records for <i>Amblycheila cylindriformis</i>. <i>Cicindela</i> 2:8.</li> <li>• Kippenhan, M.G. 1994. The tiger beetles (Coleoptera: Cicindelidae) of Colorado. <i>Transactions of the American Entomological Society</i> 120:1-86.</li> <li>• Willis, H.L. 1970. The Cicindelidae of Kansas. <i>Cicindela</i> 2:1-27.</li> <li>• Pearson, D.L., T.G. Barraclough, and A.P. Vogler. 1997. Distributional maps for North America species of Tiger beetles (Coleoptera:Cicindelidea), <i>Cicindela</i> 29(3/4):33-40.</li> </ul>
<b>2</b> Distribution outside R2	<b>B</b>	Outside of region, found only in New Mexico, Oklahoma, and Texas.  Confidence in Rank <b>High</b>	<ul style="list-style-type: none"> <li>• See Pearson et al.</li> </ul>
<b>3</b> Dispersal Capability	<b>B</b>	Adults can fly, but do not do so readily.; dispersal behavior not studied.  Confidence in Rank <b>Medium</b>	<ul style="list-style-type: none"> <li>• Opler (personal assessment)</li> </ul>

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Criteria	Rank	Rationale	Literature Citations
<b>4</b> Abundance in R2	<b>B</b>	Quite a few populations, some quite large, no imminent threats to most of these.  Confidence in Rank <b>Medium</b>	<ul style="list-style-type: none"> <li>Opler (personal assessment)</li> </ul>
<b>5</b> Population Trend in R2	<b>A</b>	Population is probably suffering an overall decline because of habitat loss, but specific information is not available.  Confidence in Rank <b>Medium</b>	<ul style="list-style-type: none"> <li>Opler (personal assessment)</li> </ul>
<b>6</b> Habitat Trend in R2	<b>B</b>	Relatively stable, but no definite data on status. Probably an overall decline. Tiger beetle larvae live in burrows in habitat, which are patches of bare ground in open unbroken prairie or grasslands.  Confidence in Rank <b>Medium</b>	<ul style="list-style-type: none"> <li>Opler (personal assessment)</li> </ul>
<b>7</b> Habitat Vulnerability or Modification	<b>B</b>	Habitat relatively invulnerable, especially to development and invasion by alien weeds.  Confidence in Rank <b>Medium</b>	<ul style="list-style-type: none"> <li>Opler (personal assessment)</li> </ul>
<b>8</b> Life History and Demographics	<b>A</b>	Habitat is fairly specific and populations are probably responsive to most kinds of disturbance events.  Confidence in Rank <b>High</b>	<ul style="list-style-type: none"> <li>Opler (personal assessment)</li> </ul>
Initial Evaluator(s): Paul A. Opler, Professor, Colorado Statue University, Fort Collins, Colorado 80523			Date: 09/06/2001

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**National Forests in the Rocky Mountain Region where species is KNOWN (K) or LIKELY(L)<sup>1</sup> 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		X	Cimmaron NG	X		Samuel R. McKelvie NF			Black Hills NF			Shoshone NF		
White River NF						Halsey NF			Buffalo Gap NG		X	Bighorn NF		
Routt NF						Nebraska NF			Ft. Pierre NG		X	Black Hills NF		
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	X													

<sup>1</sup> 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.