

APPENDIX E – THREATENED AND ENDANGERED SPECIES WITHIN ROADLESS AREAS

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APPENDIX E – THREATENED AND ENDANGERED SPECIES WITHIN ROADLESS AREAS

INTRODUCTION

Threatened and endangered (T&E) species are those federally listed under the Endangered Species Act (ESA). The ESA is intended to protect imperiled species from extinction along with the habitat upon which they depend. Refer to the discussions on threatened and endangered species in these sections of chapter 3: Threatened, Endangered, and Sensitive Plants; Terrestrial Species and Habitat; and Aquatic Species and Habitat.

There are currently 28 T&E species that are known or likely to occur within the inventoried roadless areas or Colorado roadless areas (IRAs or CRAs), including all mammals, birds, fish, invertebrates, amphibians, reptiles, and plants that have been discussed in this EIS.

Table E-1 lists those T&E species known or likely to occur in the roadless areas, in alphabetical order by their scientific name. This list in table E-1 was derived from a comprehensive list of T&E species listed for Forest Service regions 2 and 4 (available in the specialist report in the EIS record). The table includes the species common name, taxonomic group and status as T or E, and the national forest where it is known or likely to occur. The last column in table E-1 indicates whether the roadless areas that support that species would likely have future increases in road building and tree-cutting within each of those roadless areas under alternatives 2 or 3 (alternative 1 is the no action or current management alternative). The likelihood of future increases in road building and tree-cutting activities in specific roadless areas on each national forest are based on the projections listed in appendix C.

Table E-2 shows the critical habitat that has been designated by the U.S. Fish and Wildlife Service. Designated critical habitat occurs in roadless areas for two of the T&E species listed in Table E-1: the Preble's meadow jumping mouse and Mexican spotted owl. Table E-2 identifies which roadless areas (IRA or CRA acres) are included at least in part within the critical habitat for these two species. Critical habitat has not been designated for the other T&E species associated with the roadless areas.

Table E-1. Federally listed threatened (T) and endangered (E) species known or likely to occur in roadless areas in Colorado

Scientific Name	Common Name	Species Group and Status (T or E)	National forest where species is known or likely to occur	Species likely to occur in roadless areas with projected increases in roads or tree-cutting (alt. 2 or 3)
<i>Boloria acrocneuma</i>	Uncompahgre fritillary	Invertebrate (T)	Grand Mesa, Uncompahgre, Gunnison	Yes
<i>Boloria acrocneuma</i>	Uncompahgre fritillary	Invertebrate (T)	Pike-San Isabel	Yes
<i>Boloria acrocneuma</i>	Uncompahgre fritillary	Invertebrate (T)	Rio Grande	No
<i>Boloria acrocneuma</i>	Uncompahgre fritillary	Invertebrate (T)	White River	No
<i>Empidonax trailii extimus</i>	Southwestern willow flycatcher	Bird (E)	Rio Grande	Yes
<i>Empidonax trailii extimus</i>	Southwestern willow flycatcher	Bird (E)	Manti-La Sal	Yes
<i>Eutrema penlandii</i>	Penland's eutrema	Plant (T)	Pike-San Isabel	Yes
<i>Hesperia leonardus montana</i>	Pawnee montane skipper	Invertebrate (T)	Pike-San Isabel	Yes
<i>Lynx canadensis</i>	Canada lynx	Mammal (T)	Arapaho-Roosevelt	Yes
<i>Lynx canadensis</i>	Canada lynx	Mammal (T)	Grand Mesa, Uncompahgre, Gunnison	Yes
<i>Lynx canadensis</i>	Canada lynx	Mammal (T)	Pike-San Isabel	Yes
<i>Lynx canadensis</i>	Canada lynx	Mammal (T)	Rio Grande	Yes
<i>Lynx canadensis</i>	Canada lynx	Mammal (T)	Routt	Yes
<i>Lynx canadensis</i>	Canada lynx	Mammal (T)	San Juan	Yes
<i>Lynx canadensis</i>	Canada lynx	Mammal (T)	White River	Yes
<i>Mustela nigripes</i>	Black-footed ferret	Mammal (E)	Arapaho-Roosevelt (historic)	Yes
<i>Oncorhynchus clarki stomias</i>	Greenback cutthroat trout	Fish (T)	Arapaho-Roosevelt	Yes
<i>Oncorhynchus clarki stomias</i>	Greenback cutthroat trout	Fish (T)	Pike-San Isabel	Yes
<i>Sclerocactus glaucus</i>	Uinta Basin hookless cactus	Plant (T)	Grand Mesa, Uncompahgre, Gunnison	No
<i>Strix occidentalis lucida</i>	Mexican spotted owl	Bird (T)	Arapaho-Roosevelt	Yes
<i>Strix occidentalis lucida</i>	Mexican spotted owl	Bird (T)	Grand Mesa, Uncompahgre, Gunnison	No
<i>Strix occidentalis lucida</i>	Mexican spotted owl	Bird (T)	Pike-San Isabel	Yes
<i>Strix occidentalis lucida</i>	Mexican spotted owl	Bird (T)	Rio Grande	No

**Appendix E – Threatened and Endangered Species
Within Roadless Areas**

Scientific Name	Common Name	Species Group and Status (T or E)	National forest where species is known or likely to occur	Species likely to occur in roadless areas with projected increases in roads or tree-cutting (alt. 2 or 3)
<i>Strix occidentalis lucida</i>	Mexican spotted owl	Bird (T)	San Juan	Yes
<i>Strix occidentalis lucida</i>	Mexican spotted owl	Bird (T)	White River	No
<i>Strix occidentalis lucida</i>	Mexican spotted owl	Bird (T)	Manti-La Sal	Yes
<i>Zapus hudsonius preblei</i>	Preble's meadow jumping mouse	Mammal (T)	Arapaho-Roosevelt	Yes
<i>Zapus hudsonius preblei</i>	Preble's meadow jumping mouse	Mammal (T)	Pike-San Isabel	Yes

Table E-2. Designated critical habitats in roadless areas in Colorado

Species scientific name	Common Name	Species Group and status (T or E)	National forest where critical habitat occurs	IRA/CRA where critical habitat occurs (same if not differentiated)	Critical habitat in roadless areas where increases in roads or tree-cutting is projected (alt. 2 or 3)
<i>Strix occidentalis lucida</i>	Mexican spotted owl	Bird (T)	Pike-San Isabel	Green Mountain	Yes
<i>Strix occidentalis lucida</i>	Mexican spotted owl	Bird (T)	Pike-San Isabel	Hardscrabble	Yes
<i>Strix occidentalis lucida</i>	Mexican spotted owl	Bird (T)	Pike-San Isabel	East Pikes Peak IRA/Pikes Peak East CRA	Yes
<i>Strix occidentalis lucida</i>	Mexican spotted owl	Bird (T)	Pike-San Isabel	Front Range IRA/Rampart East CRA	Yes
<i>Strix occidentalis lucida</i>	Mexican spotted owl	Bird (T)	Pike-San Isabel	Rampart West	Yes
<i>Strix occidentalis lucida</i>	Mexican spotted owl	Bird (T)	Pike-San Isabel	Scraggy Peaks	Yes
<i>Strix occidentalis lucida</i>	Mexican spotted owl	Bird (T)	Pike-San Isabel	St. Charles Peak	Yes
<i>Strix occidentalis lucida</i>	Mexican spotted owl	Bird (T)	Pike-San Isabel	Tanner Peak	Yes
<i>Strix occidentalis lucida</i>	Mexican spotted owl	Bird (T)	Pike-San Isabel	Thunder Butte	Yes
<i>Zapus hudsonius preblei</i>	Preble's meadow jumping mouse	Mammal (T)	Pike-San Isabel	Gunbarrel	Yes
<i>Zapus hudsonius preblei</i>	Preble's meadow jumping mouse	Mammal (T)	Pike-San Isabel	Rampart West	Yes
<i>Zapus hudsonius preblei</i>	Preble's meadow jumping mouse	Mammal (T)	Arapaho-Roosevelt	Cache La Poudre Adjacent Area	No
<i>Zapus hudsonius preblei</i>	Preble's meadow jumping mouse	Mammal (T)	Arapaho-Roosevelt	Comanche Peak Adjacent Area	Yes
<i>Zapus hudsonius preblei</i>	Preble's meadow jumping mouse	Mammal (T)	Arapaho-Roosevelt	Grey Rock	No
<i>Zapus hudsonius preblei</i>	Preble's meadow jumping mouse	Mammal (T)	Arapaho-Roosevelt	North Lone Pine	No