



Southwest Regional Gap Analysis Wildlife Habitat Relationship

ID	2346	Model Name	SWReGAP -1
Taxa code (ITIS)	-1		
Scientific Name	Cnemidophorus neotesselatus		
Common Name	TRIPLOID CHECKERED WHIPTAIL		
Created By	thamer	Last Modified By	cmettenbrink
Date	8/14/2003	Date	8/1/2005 8:17:07 AM
Sensitive Data	<input type="checkbox"/>		

Model Description Triploid Checkered Whiptail
Cnemidophorus neotesselatus
Entire Range
SWREGAP Final Model

Background *C. neotesselatus* is found in southeastern Colorado (spotty distribution) (Stebbins 2003). Localities are associated with Arkansas River drainage basin including the Purgatoire River (Stebbins 2003). Found in foothills of Fremont County eastward to Pueblo and Stone City in Pueblo County (Hammerson 1999). Also found at sites in southern Pueblo County, Otero County, and Las Animas County (Hammerson 1999). Habitat consists of slopes, bottoms, and escarpments of rocky canyons, hillsides, arroyos (Stebbins 2003, Hammerson 1999). Found where grassland or grassy-weedy associations meet open juniper woodland (Hammerson 1999), and juniper-grass associations of rabbitbrush, prickly-pear cactus, and yuccas (Stebbins 2003). Found from 914- 2105m (Hammerson 1999). Sympatric with *C. tessellatus* in a few areas near the Purgatoire River near Higbee, Otero County (Hammerson 1999).

Description Changes NatureServe, Hammerson 1999, CWSD; removed barren systems not applicable from crosswalk; add S079?, CO species expert review expanded range in Colorado;

Relationships

Elevation	1012 - 2105;
Slope Min	n/a
Precipitation	n/a
Temperature	n/a

Soil Depth	n/a
Aspect	n/a
Landform	n/a
Distance to Water	n/a
Soil associations	n/a
Mountain Ranges	n/a
Ecological System	S006 Rocky Mountain Cliff and Canyon S008 Western Great Plains Cliff and Outcrop S038 Southern Rocky Mountain Pinyon-Juniper Woodland S074 Southern Rocky Mountain Juniper Woodland and Savanna S095 Western Great Plains Riparian Woodland and Shrubland S120 Western Great Plains Floodplain Herbaceous Wetland

Citations

NatureServe 2004 NatureServe Explorer: An online encyclopedia of life [web application]. Version 4.2 NatureServe, Arlington, Virginia. Available <http://www.natureserve.org/explorer>. (Accessed 1/13/2005)

Hammerson, Geoffrey A 1999 Amphibians and reptiles in Colorado, second edition University Press of Colorado and Colorado Division of Wildlife, Niwot, Colorado. 484 pages

Schrupp, D.L., and A. Cade 1989 Colorado Wildlife Species Database - User's Guide. Colorado Division of Wildlife. DOW-HR-01-89. Denver, CO

Jackson, Tina 2005 Colorado species expert review and personal communication.

Stebbins, R.C 2003 A field guide to western reptiles and amphibians. Third Edition Houghton Mifflin, Boston

Reeder, T.W., C.J. Cole, and H.C. Dessauer. 2002 Phylogenetic relationships of whiptail lizards of the genus *Cnemidophorus* (Squamata: Teiidae): a test of monophyly, reevaluation of karyotypic evolution, and review of hybrid origins. *Am. Mus. Novitates* 3365:1-61.

Livo, Lauren 2005 Species expert review and personal communication.