

Appendix Q. Habitat associations for other arthropod classes (Arachnida, Chilopoda, Diplopoda, Entognatha, and Insecta) within ecoregions. The full extent of their habitat associations and geographic distribution is uncertain. Known habitat associations are indicated with an ‘x’. Habitat associations for all other SGCN can be found in the Assessment and Strategies for Species of Greatest Conservation Need and Key Habitats Chapter.

Habitat Associations	
AM	- Rocky Mountain Alpine-Montane Wet Meadow
CG	- Chihuahuan Semi-Desert Grassland
IB	- Intermountain Basins Big Sagebrush Shrubland
MC	- Rocky Mountain Montane Mixed Conifer Forest and Woodland
ME	- Madrean Encinal
MF	- Madrean Pine-Oak Conifer-Oak Forest and Woodland
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Common or Scientific Name ¹	Apache Highlands		Arizona-New Mexico Mountains				Chihuahuan Desert		Colorado Plateau	Southern Rocky Mountains		Southern Shortgrass Prairie			
	CG	ME	MF	ME	MF	MC	SP	CG	SS	IB	IB	AM	MC	SS	SP
<i>Arachnids (Arachnida)</i>															
<i>Texella longistyla</i> ²															
<i>Texella welbourni</i> ²															
Cave Obligate Mite ²															
<i>Aphrastochthonius pachysetus</i> ²															
<i>Chitrella welbourni</i> ²															
<i>Neoallochernes incertus</i> ²															
Peloncillo Scorpion		x	x												
Jemez Spider													x		
<i>Centipedes (Chilopoda)</i>															
Cave Obligate Centipede				x	x		x								
<i>Millipedes (Diplopoda)</i>															
Cave Obligate Millipede ²															
Chihuahuan Millipede								x	x						
<i>Springtails (Entognatha)</i>															
<i>Oncopodura prietoi</i> ²															
<i>Pseudosinella vita</i> ²															
<i>Tomocerus grahami</i> ²															
<i>Insects (Insecta)</i>															
<i>Aphaenogaster punctaticeps</i>									x	x					
<i>Leptothorax bestelmeyeri</i>									x	x					
<i>Leptothorax colleenae</i>									x	x					
Capulin Mountain Arctic ²															
<i>Andrena mimbresensis</i>				x	x		x								

Appendix Q Cont.

Common or Scientific Name	Apache Highlands		Arizona-New Mexico Mountains				Chihuahuan Desert		Colorado Plateau		Southern Rocky Mountains		Southern Short-grass Prairie		
	CG	ME	MF	ME	MF	MC	SP	CG	SS	IB	IB	AM	MC	SS	SP
<i>Andrena neffi</i>				X	X		X								
<i>Andrena vogleri</i>				X	X		X								
<i>Perdita austini</i>								X	X						
<i>Perdita biparticeps</i>								X	X						
<i>Perdita claripennis</i>								X	X						
<i>Perdita geminata</i>								X	X						
<i>Perdita grandiceps</i>								X	X						
<i>Perdita maculipes</i>								X	X						
<i>Perdita mesillensis</i>								X	X						
<i>Perdita senecionis</i>								X	X						
<i>Perdita sidae</i>								X	X						
<i>Perdita tarda</i>								X	X						
<i>Perdita viridiotata</i>								X	X						
Centris Bee								X							
<i>Osmia phenax</i>								X	X						
<i>Osmia prunorum</i>								X	X						
Mason Bee								X							
Melittid Bee								X	X						
<i>Pityophthorus franseriae</i>				X	X										
<i>Pityophthorus torridus</i>				X	X										
Anthony Blister Beetle									X						
Bonita Diving Beetle							X								
Southwestern Hercules Beetle				X	X										
Glorious Jewel Beetle				X	X	X									
Leconte's Jewel Beetle					X	X									
Wood's Jewel Beetle				X	X										
Animas Minute Moss Beetle		X	X												
Tiger Beetle								X	X						
Glittering Tiger Beetle								X	X						
Guadalupe Mountains Tiger Beetle				X	X										
Los Olmos Tiger Beetle								X	X						
Maricopa Tiger Beetle				X	X	X	X	X	X						
Nevada Tiger Beetle											X				
Buchholz's Boisduval's Blue ²															
Mogollon Rim Greenish Blue ²															
<i>Hemileuca (chinatiensis) comwayae</i>								X							
<i>Hemileuca (nevadensis) artemis</i>											X				
<i>Hemileuca hera magnifica</i>											X				
Mountain Checkered-Skipper ²															
Chalcedon Checkerspot ²															
Sacramento Mountain Checkerspot							X								
Tawny Crescent ²															
Mescalero Camel Cricket							X								

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	CG	ME	MF	ME	MF	MC	SP	CG	SS	IB	IB	AM	MC	SS	SP	
Organ Mountains Camel Cricket				X	X											
Rodent Burrow Camel Cricket							X	X	X							
Gypsum Sand-Treader Camel Cricket									X							
White Sands Sand-Treader Camel Cricket									X							
Carlsbad Cave Cricket ²																
Mescalero Sands Jerusalem Cricket														X	X	
Arroyo Darner				X	X		X	X	X							
Ellis Dotted-Blue				X	X		X			X						
Spalding's Dotted-Blue				X	X		X									
Bleached Skimmer Dragonfly								X	X							
Scudder's Duskywing ²																
Dusty-Wing									X							
Desert Elfin				X	X											
<i>Caenotus inornatus</i>								X	X							
<i>Caenotus minutus</i>								X	X							
<i>Chrysotus parvulus</i>				X			X									
<i>Neurigona perbrevis</i>								X								
<i>Thinophilus magnipalpus</i>								X								
Mydas Fly									X							
<i>Efferia cuervana</i>								X	X							
<i>Furcilla delicatula</i>								X	X							
<i>Megaphorus lasrucensis</i>								X	X							
Soldier Fly								X	X							
Capitan Mountains Fritillary ²																
Freija Fritillary ²																
Nitocris Fritillary							X									
Nokomis Fritillary												X	X			
Raton Mesa Fritillary ²																
Silver-Bordered Fritillary ²																
<i>Aeoloplides rotundipennis</i>								X	X							
<i>Cibolacris samalayuae</i>								X	X							
Band-Winged Grasshopper								X	X					X	X	
Hebard's Blue-Winged Desert Grasshopper								X	X							
Lichen Grasshopper		X	X													
Nevada Point-Headed Grasshopper						X										
Shotwell's Range Grasshopper								X	X							
Spur-Throat Grasshopper							X									
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Ilavia Hairstreak				X	X											
Poling's Hairstreak				X	X											

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	CG	ME	MF	ME	MF	MC	SP	CG	SS	IB	IB	AM	MC	SS	SP
	Sandia Hairstreak				X	X		X							X
Oslar's Soapberry Hairstreak ²															
Xami Hairstreak					X	X									
Mescalero Sands Katydid															X
<i>Hexagenia bilineata</i> ²															
<i>Homoeonuria alleni</i>								X	X						
<i>Lachlania dencyannae</i> ²															
<i>Leucrocuta petersi</i> ²															
Arizona Metalmark	X	X	X												
<i>Carales arizonensis</i> ²															
Borer Moth							X								
Albarufan Dagger Moth ²															
Geometrid Moth ²															
Noctuid Moth ²															
<i>Euhyparpax rosea</i>				X	X										
<i>Oligocentria delicata</i>		X	X												
Pyralid Moth ²															
Tiger Moth ²															
Mirid Plant Bug ²															
Dashed Ringtail				X	X	X									
Cassus Roadside-Skipper ²															
Large Roadside-Skipper															
Slaty Roadside-Skipper ²															
Texas Roadside-Skipper ²															
Silkmoth				X	X										
Zephyr Eyed Silkmoth				X	X										
Apache Skipper ²															
Arizona Agave Borer Skipper ²															
Carlsbad Agave Borer Skipper				X	X										
Viola's Yucca Borer Skipper				X	X		X	X							
Western Crossline Skipper ²															
Deva Skipper															
Mary's Giant Skipper ²															
Poling's Giant Skipper ²															
Ursine Giant Skipper	X	X	X												

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	CG	ME	MF	ME	MF	MC	SP	CG	SS	IB	IB	AM	MC	SS	SP
Western Hobomok Skipper ²															
Moon-Marked Skipper ²															
Sunrise Skipper ²															
Yuma Skipper											x				
Four-Spotted Skipperling					x	x									
Arizona Snaketail					x										
West's Primrose Sphinx ²															
Vega Sphinx								x	x						
<i>Capnia caryi</i> ²															
<i>Isoperla jewetti</i> ²															
<i>Taenionema jacobii</i> ²															
Arizona Viceroy							x	x	x						
Tarantula Hawk Wasp	x							x	x					x	x
<i>Dasymutilla homole</i>				x	x		x								
<i>Odontophotopsis augusta</i>				x	x		x								
<i>Odontophotopsis grata</i>				x	x		x								
Chiricahua White ²															

¹ Scientific name provided for species with no recognized common name. Scientific names of other species can be found in Appendix B.

² Other arthropods with unknown distributions and habitat associations.