

Appendix N. Summarized information gaps that impair our ability to make informed conservation decisions associated with key aquatic habitats and associated SGCN in New Mexico. Detailed information gaps are located in the Assessments and Strategies for Species of Greatest Conservation Need and Key Habitats Chapter.

Aquatic Habitats	
LR	- Large Reservoir
MCSS	- Marsh/ Cienega/ Spring/ Seep
1/2OS	- 1 st /2 nd Order Stream
3/4OS	- 3 rd /4 th Order Stream
5OS	- 5 th Order Stream
T	- Tanks
GIW	- Geographically Isolated Wetlands
MMC	- Man-Made Catchments

Information Gaps	<i>Perennial</i>						<i>Ephemeral</i>	
	LR	MCSS	1/2OS	3/4OS	5OS	T	GIW	MMC
Distribution, abundance, status and trends, habitat requirements, movement, and natural history of SGCN	X	X	X	X	X	X	X	X
Extent to which invasive and non-native species may alter aquatic community structure and preclude populations of SGCN	X	X	X	X	X	X	X	
Environmental conditions or thresholds that preclude populations of SGCN	X	X	X	X	X	X	X	X
The affects of altered hydrological patterns on aquatic habitats and their SGCN, including identifying modifications that may benefit native SGCN	X	X	X	X	X		X	
Predator-prey relationships in aquatic habitats.	X	X	X	X	X			
Water quality and its affects upon associated SGCN	X	X	X	X	X		X	
Factors causing pathogen outbreaks and the potential for diseases.	X	X	X	X				
The extent to which land use activities (e.g., grazing, human development, road-building, and oil and gas development, etc...) fragment and alter habitats in relation to size, edge effect, and use by SGCN is unknown		X	X	X	X			

Appendix N Cont.

Information Gaps	<i>Perennial</i>						<i>Ephemeral</i>	
	LR	MCSS	1/2OS	3/4OS	5OS	T	GIW	MMC
Interactions among the various native species and introduced species		X	X	X	X		X	
Long-term effects of wildfire on SGCN			X	X	X			
The locations and condition of aquatic habitats		X	X			X	X	X
Affects of recreational activities on habitats and SGCN			X					
Suitability of habitats for restoration of SGCN			X					
Differences and similarities between and among the biotic diversity of ephemeral and perennial habitats						X	X	X