

Table P-11. Responses to Rewatering Observed in Mature Woody Riparian Vegetation on Walker Creek in 1991

Response Level/ Vegetation Type	Reach Number					All Reaches
	1	2	3	4	5	
No response						
Conifer-broadleaf	--	--	--	0.6	--	0.6
Cottonwood-willow	0.1	--	--	0.1	--	0.2
Aspen	0.2	--	--	--	--	0.2
Willow scrub	7.0	--	3.0	7.7	0.4	18.1
Mixed riparian	2.0	--	1.6	4.5	--	8.2
All types	9.4	--	4.6	12.9	0.4	27.2
Percent of total mapped	49%	--	47%	100%	34%	64%
Slight response						
Conifer-broadleaf	--	--	--	--	--	--
Cottonwood-willow	--	--	--	--	--	--
Aspen	0.2	--	0.9	--	--	1.1
Willow scrub	4.6	--	2.2	--	0.8	7.6
Mixed riparian	4.6	0.1	1.7	--	--	6.4
All types	9.4	0.1	4.9	--	0.8	15.2
Percent of total mapped	49%	102%	50%	--	68%	35%
Moderate response						
Conifer-broadleaf	--	--	--	--	--	--
Cottonwood-willow	--	--	--	--	--	--
Aspen	--	--	--	--	--	--
Willow scrub	0.2	--	0.3	--	--	0.5
Mixed riparian	--	--	--	--	--	--
All types	0.2	--	0.3	--	--	0.5
Percent of total mapped	1%	--	3%	--	--	1%
Strong response						
All types	--	--	--	--	--	--
Percent of total mapped	--	--	--	--	--	--

Notes: See Appendix F for explanation of response categories.

Reach 1 = diversion to Cain Ranch Road, main (south) channel.

Reach 2 = Cain Ranch Road to U.S. 395, main (south) channel.

Reach 3 = U.S. 395 to Rush Creek.

Reach 4 = diversion to Cain Ranch Road, secondary (north) channel.

Reach 5 = Cain Ranch Road to U.S. 395, secondary (north) channel.

Percentages may not total 100% because of rounding error.

Acreages measured by Jones & Stokes Associates from interpretation of 1929-1930, 1940, and 1990 aerial photographs and 1990-1991 field surveys.