

Table P-12. Responses to Rewatering Observed in Mature Woody Riparian Vegetation on Lee Vining Creek in 1990-1991

Response Level/ Vegetation Type	Reach Number								All Reaches
	1a	1b	2a	2b	3a	3b	3c	3d	
No response									
Conifer-broadleaf	0.4	--	--	--	--	--	--	--	0.4
Cottonwood-willow	0.3	--	--	0.2	2.8	--	--	--	3.3
Aspen	0.1	--	--	2.2	--	0.8	--	--	3.1
Willow scrub	1.5	--	--	0.1	0.1	--	--	3.0	4.7
Mixed riparian	--	--	--	0.2	1.5	1.2	0.3	--	3.2
All types	2.3	--	--	2.7	4.4	2.0	0.3	3.0	14.6
Percent of total mapped	13%	--	--	25%	67%	56%	24%	63%	24%
Slight response									
Conifer-broadleaf	11.5	1.1	11.9	--	--	--	--	--	24.5
Cottonwood-willow	0.2	--	--	0.3	0.5	0.4	0.5	--	1.9
Aspen	--	0.7	--	--	--	--	--	--	0.7
Willow scrub	4.0	--	--	--	--	--	0.1	1.3	5.4
Mixed riparian	--	--	--	0.2	0.3	0.8	0.1	--	1.4
All types	15.7	1.8	11.9	0.5	0.8	1.2	0.7	1.3	33.9
Percent of total mapped	87%	100%	89%	5%	12%	35%	60%	27%	56%
Moderate response									
Conifer-broadleaf	--	--	--	2.9	--	--	--	--	2.9
Cottonwood-willow	--	--	1.5	2.8	0.3	0.1	--	--	4.7
Aspen	--	--	--	1.8	--	--	--	--	1.8
Willow scrub	--	--	--	--	--	--	--	0.1	0.1
Mixed riparian	--	--	--	0.3	1.1	0.2	--	--	1.6
All types	--	--	1.5	7.7	1.4	0.3	--	0.1	11.1
Percent of total mapped	--	--	11%	71%	22%	8%	--	2%	18%
Strong response									
Conifer-broadleaf	--	--	--	--	--	--	--	--	--
Cottonwood-willow	--	--	--	--	--	--	--	--	--
Aspen	--	--	--	--	--	--	--	--	--
Willow scrub	--	--	--	--	--	--	0.1	0.4	0.5
Mixed riparian	--	--	--	--	--	--	--	--	--
All types	--	--	--	--	--	--	0.1	0.4	0.5
Percent loss or gain	--	--	--	--	--	--	8%	8%	1%

Notes: See Appendix F for explanation of response categories.

- Reach 1a = diversion to ranger station bridge.
- Reach 1b = ranger station bridge to Highway 120.
- Reach 2a = Highway 120 to U.S. 395.
- Reach 2b = U.S. 395 to bottom of 1989 vegetation.
- Reach 3a = bottom of 1989 vegetation to big bend.
- Reach 3b = big bend to County Road.
- Reach 3c = County Road to 1940 lakeshore.
- Reach 3d = 1940 lakeshore to 1989 lakeshore.

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.
