

Table P-8b. Mature Woody Riparian Vegetation with Greater Than 50% Cover on Lee Vining Creek in 1940 and 1989

Year/ Vegetation Type	Reach Number								All Reaches
	1a	1b	2a	2b	3a	3b	3c	3d	
1940 acreages									
Conifer-broadleaf	10.8	1.3	11.2	7.1	--	--	--	--	30.3
Cottonwood-willow	0.3	--	1.4	0.8	19.3	26.8	2.6	--	51.2
Aspen	--	0.8	--	4.4	--	1.3	--	--	6.6
Willow scrub	3.0	--	--	0.2	1.5	0.5	1.5	--	6.8
Mixed riparian	--	--	--	0.2	--	--	--	--	0.2
All types	14.1	2.1	12.6	12.7	20.8	28.6	4.1	--	95.0
1989 acreages									
Conifer-broadleaf	10.0	1.1	11.9	2.9	--	--	--	--	25.9
Cottonwood-willow	0.3	--	1.5	2.8	2.5	0.3	0.5	--	7.9
Aspen	--	0.7	--	4.0	--	0.8	--	--	5.5
Willow scrub	3.3	--	--	0.1	0.1	--	0.1	1.9	5.5
Mixed riparian	--	--	--	0.4	2.6	2.1	0.5	--	5.6
All types	13.6	1.8	13.4	10.1	5.2	3.2	1.1	1.9	50.3
Changes from 1940 to 1989									
Conifer-broadleaf	-0.8	-0.2	0.7	-4.2	--	--	--	--	-4.4
Cottonwood-willow	--	--	0.1	2.0	-16.8	-26.5	-2.1	--	-43.3
Aspen	--	-0.1	--	-0.5	--	-0.5	--	--	-1.1
Willow scrub	0.3	--	--	-0.1	-1.4	-0.5	-1.4	1.9	-1.3
Mixed riparian	--	--	--	0.2	2.6	2.1	0.5	--	5.4
All types	-0.5	-0.3	0.8	-2.6	-15.6	-25.4	-3.0	1.9	-44.8
Percent loss or gain	-4%	-16%	6%	-20%	-75%	-89%	-73%	100%	-47%

Notes: 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.

Differences in quality of prediversion and recent aerial photographs may reduce accuracy of percent cover comparison.

Some calculations of acreage change may appear inaccurate by 0.1 acre 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.