

Table P-7. Woody Riparian Acreages 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	12.5	1.3	13.6	7.1	--	--	--	--	34.5
Cottonwood-willow	0.5	--	1.4	3.0	21.4	32.0	2.6	--	60.9
Aspen	0.1	0.8	--	4.4	--	1.3	--	--	6.7
Willow scrub	5.1	--	--	0.2	1.8	1.4	1.7	--	10.3
Mixed riparian	--	--	--	0.2	--	--	--	--	0.2
All types	18.2	2.1	15.0	14.9	23.2	34.7	4.3	--	112.5
1989 acreages (mature)									
Conifer-broadleaf	11.9	1.1	11.9	2.9	--	--	--	--	27.8
Cottonwood-willow	0.5	--	1.5	3.3	3.6	0.5	0.5	--	9.9
Aspen	0.1	0.7	--	4.0	--	0.8	--	--	5.6
Willow scrub	5.5	--	--	0.1	0.1	--	0.2	4.8	10.6
Mixed riparian	--	--	--	0.7	2.9	2.2	0.5	--	6.3
All types	18.0	1.8	13.4	10.9	6.6	3.5	1.2	4.8	60.2
1989 acreages (establishing)									
Conifer-broadleaf	--	--	--	--	--	--	--	--	--
Cottonwood-willow	--	--	--	--	0.3	3.1	1.7	--	5.1
Aspen	--	--	--	--	--	--	--	--	--
Willow scrub	--	--	--	--	--	0.9	0.4	3.8	5.1
Mixed riparian	--	--	--	--	--	--	--	--	--
All types	--	--	--	--	0.3	4.0	2.1	3.8	10.1
Changes from 1940 to 1989 (mature only)									
Conifer-broadleaf	-0.6	-0.2	-1.7	-4.2	--	--	--	--	-6.7
Cottonwood-willow	--	--	0.1	0.3	-17.8	-31.4	-2.1	--	-51.0
Aspen	--	-0.1	--	-0.5	--	-0.5	--	--	-1.1
Willow scrub	0.3	--	--	-0.1	-1.7	-1.4	-1.5	4.8	0.3
Mixed riparian	--	--	--	0.5	2.9	2.2	0.5	--	6.1
All types	-0.3	-0.3	-1.6	-4.0	-16.6	-31.2	-3.1	4.8	-52.3
Percent loss or gain	-2%	-16%	-11%	-27%	-71%	-90%	-72%	100%	-46%
Changes from 1940 to 1989 (mature and establishing)									
Conifer-broadleaf	-0.6	-0.2	-1.7	-4.2	--	--	--	--	-6.7
Cottonwood-willow	--	--	0.1	0.3	-17.5	-28.3	-0.4	--	-45.9
Aspen	--	-0.1	--	-0.5	--	-0.5	--	--	-1.1
Willow scrub	0.3	--	--	-0.1	-1.7	-0.5	-1.1	8.5	5.4
Mixed riparian	--	--	--	0.5	2.9	2.2	0.5	--	6.1
All types	-0.3	-0.3	-1.6	-4.0	-16.3	-27.2	-1.0	8.5	-42.2
Percent loss or gain	-2%	-16%	-11%	-27%	-70%	-78%	-23%	100%	-37%

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 forest to big bend.
 Reach 3b = big bend to County Road.
 Reach 3c = County Road to 1940 lakeshore.
 Reach 3d = 1940 lakeshore to 1989 lakeshore.

No decadent vegetation was mapped for 1940 or 1989.

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