

TABLE 27. Flood survival of woody plants, herbaceous plants, and comparisons of woody and herbaceous plants on the flood plain by numbers from paired (in time) m² plots from several surveys; all data were square root ($\sqrt{x + 0.5}$) transformed before analysis

Surveys	Results				
	No. of m ² plots	Standard deviation	Mean no./m ²	Corrected mean no./m ²	Significance
Woody species					modified $t_{6 \text{ df}} = 2.528$; significant at 0.05
26-29 April 1972	7	7.7	8.1	6.6	
25-28 July 1972	7	1.6	1.4	1.1	
<i>Acer negundo</i>					modified $t_{6 \text{ df}} = 2.377$; significant at 0.1
26-29 April 1972	7	6.8	4.6	3.1	
25-28 July 1972	7	0.0	0.0	0.0	
<i>Lindera benzoin</i>					$t_{6 \text{ df}} = 2.067$; significant at 0.1
26-29 April 1972	7	1.5	1.0	0.7	
25-28 July 1972	7	0.8	0.4	0.3	
Herbaceous species					$t_{6 \text{ df}} = 3.098$; significant at 0.025
18 May 1972	7	6.5	6.0	4.4	
25-28 July 1972	7	2.6	1.3	0.8	modified $t_{6 \text{ df}} = 1.793$; not significant at 0.1
Herbs vs. woody	7 pairs	—	—	—	$t_{6 \text{ df}} = 0.488$; not significant at 0.1