TABLE 30. Comparison of herbaceous and woody plants in natural understory *L. japonica* weeded (treated) and unweeded (control) 1 × 1-m plots by paired plot design experiments (except herbs vs. woody which was a completely randomized design) on square root ($\sqrt{x + 0.5}$) transformed data (no./m²)

Experiments	Results							
	m² plot replications	Standard deviation 1971	Standard deviation 1972	Mean no./m² 1971	Mean no./m² 1972	Corrected mean 1971	Corrected mean 1972	Significance
Herbs								$t_{2\ df} = 1.923$; modified
controls	3	0.6	5.5	0.3	6.3	0.3	5.0	$t_{2\ df} = 2.402$; not
treated	3	12.1	31.2	9.3	39.0	6.4	35.0	significant at 0.1
Woody								$t_{7\ df} = 2.392$; significant
controls	8	0.8	20.7	0.5	11.4	0.4	7.0	at 0.05
treated	8	0.5	14.0	0.4	23.6	0.3	21.7	
Herbs vs.	3	—	—	—	—	—	—	$t_{9\ df} = 0.101$; not
woody	8	—	—	—	—	—	—	significant at 0.1
Trees								modified $t_{7\ df} = 2.714$;
controls	8	0.8	1.7	0.5	2.1	0.4	1.9	significant at 0.05
treated	8	0.5	7.7	0.4	8.4	0.3	7.2	
Prunus serotina								modified $t_{7\ df} = 2.605$;
controls	8	0.0	1.3	0.0	1.2	0.0	1.1	significant at 0.05
treated	8	0.0	5.3	0.0	5.6	0.0	4.7	
Other woody								$t_{7\ df} = 2.153$; significant
controls	8	0.0	20.8	0.0	8.6	0.0	3.9	at 0.1
treated	8	0.0	10.8	0.0	15.0	0.0	12.8	
Parthenocissus quinquefolia								$t_{7\ df} = 2.193$; significant at 0.1
controls	8	0.0	4.9	0.0	2.0	0.0	1.0	
treated	8	0.0	4.8	0.0	4.8	0.0	3.7	