TABLE 42. Comparison of swamp-marsh transition *I. pseudacorus* frequency per m² from a dm² grid by a paired (in time) plot (1 × 1 m) design survey

Comparisons	Results			
	No. m² plots	Mean f/m²	Heterogeneity χ^2	χ^2 test
Annual			$\chi^2_{12\ df} = 12.746$	pooled $\chi^2_{1\ df} = 10.143$;
April 1971	13	93.2	not significant at 0.1	significant at 0.005
April 1972	13	95.4		
Spring			$\chi^2_{3\ df} = 194.758$	individual $\chi^2_{1\ df}$; 2
April 1972	4	98.2	significant beyond 0.001	significant beyond 0.001,
May 1972	4	86.0		2 not significant at 0.1
Spring-Summer I			$\chi^2_{3\ df} = 5358.914$;	inidividual $\chi^2_{1\ df}$; all
May 1972	4	86.0	significant beyond 0.001	4 significant beyond 0.001
August 1972	4	0.25		
Spring-Summer II			$\chi^2_{12\ df} = 10852.338$;	individual $\chi^2_{1\ df}$; 12
April 1972	13 ·	95.4	significant beyond 0.001	significant beyond 0.001,
August 1972	13	15.0		1 not significant at 0.1