

TABLE 44. Comparison of open marsh *Iris pseudacorus* frequency per m<sup>2</sup> from a dm<sup>2</sup> grid by a paired (in time) plot (1 × 1 m) design survey

Comparisons	Results			
	No. m <sup>2</sup> plots	Mean f/m <sup>2</sup>	Heterogeneity $\chi^2$	$\chi^2$ test
Annual				
April 1971	7	97.7	$\chi^2_{6 \text{ df}} = 987.169$ ; significant beyond 0.001	individual $\chi^2_{1 \text{ df}}$ ; 5 significant beyond 0.001, 2 not significant at 0.1
April 1972	7	81.3		
Spring				
April 1972	3	82.3	$\chi^2_{2 \text{ df}} = 119.932$ ; significant beyond 0.001	individual $\chi^2_{1 \text{ df}}$ ; all 3 significant beyond 0.001
June 1972	3	1.3		
Spring-Summer I				
June 1972	3	1.3	$\chi^2_{2 \text{ df}} = 0.112$ ; not significant at 0.1	pooled $\chi^2_{1 \text{ df}} = 4.054$ ; significant at 0.05
August 1972	3	0.0		
Spring-Summer II				
April 1972	7	81.3	$\chi^2_{6 \text{ df}} = 5637.228$ ; significant beyond 0.001	individual $\chi^2_{1 \text{ df}}$ ; all 7 significant beyond 0.001
August 1972	7	0.0		