TABLE 69. Comparison of chlorophyll in mg/g of dry-leaf weight to degree of shading in number of layers of cheesecloth from randomized block design experiments replicated three times each for *H. helix* and *L. japonica*

Experiments	Treatments					Significance at 0.1
	96 layers	48 layers	24 layers	12 layers	0 layers	
Hedera helix						
Chlorophyll A						$F_{4/8\ df} = 1.733$, n.s.
SD	1.6	0.7	0.9	0.6	0.9	$\chi^2_{4\ df} = 2.425$, n.s.
Mean mg/g	1.8	2.8	3.3	3.8	3.3	
Chlorophyll B						$F_{4/8\ df} = 1.775$, n.s.
SD	1.1	0.6	0.7	0.6	0.2	$\chi^2_{4\ df} = 5.624$, n.s.
Mean mg/g	1.3	2.2	2.3	2.4	2.0	
Total Chlorophyll						$F_{4/8\ df} = 1.781$, n.s.
SD	2.7	1.3	1.6	1.2	1.0	$\chi^2_{4\ df} = 2.612$, n.s.
Mean mg/g	3.1	5.0	5.5	6.2	5.2	
Lonicera japonica						
Chlorophyll A						F = treatment mean square
SD	0.7	3.3	3.5	1.2	0.7	less than error, n.s.
Mean mg/g	2.1	5.4	5.4	4.4	3.6	$\chi^2_{4\ df} = 7.122$, n.s.
Chlorophyll B						F = treatment mean square
SD	0.8	2.6	3.4	1.2	0.5	less than error, n.s.
Mean mg/g	2.5	4.8	5.5	4.1	3.1	$\chi^2_{4\ df} = 6.860$, n.s.
Total Chlorophyll						F = treatment mean square
SD	1.4	5.9	6.8	2.4	1.2	less than error, n.s.
Mean mg/g	4.6	10.2	10.9	8.5	6.6	$\chi^2_{4\ df} = 7.319$, n.s.

Note: n.s. = not significant at 0.1;

χ^2 = Bartlett's chi-square test of homogeneity of variance;

Duncan's range test not shown because all analyses of variance are unmodified and not significant.