

TABLE 67. Comparison of dry-weight biomass in g/m² with percent of open sunlight for *L. japonica* (both habitats) from regression design surveys

Characteristics	Total biomass from several years of growth	One year of biomass growth
Number of pairs	18	13
Equation	$Y_c = a + bX$	$Y_c = a + bX$
Y intercept (a)	-307.21468	-535.25128
Slope (b)	6.73884	8.46426
t value	16 df = 6.002	11 df = 5.427
Significance level	significant beyond 0.001	significant beyond 0.001
Coefficient of determination, r^2	69%	73%

Note: Y = biomass; X = light.