

Table S1: Parameters used in behavior model.

Behavior	\hat{a}_0 (cm s ⁻¹)	\hat{a}_1 (cm s ⁻¹)	\hat{a}_2	\hat{a}_3
w_d	0.023	-3.66	10.8	1.05
w_p	0.023	-0.61	10.8	1.05
w_n	0	0	0	0

Parameter sets \hat{a}_i were used in Eq. 1 to model settlement of larvae with three different behaviors: w_d active diving in turbulence [20], w_p passive sinking in turbulence, and w_n neutral buoyancy.