

Table L-2. Salinity- and Temperature-Dependent Lifestage Parameters

Lifestage Parameter	Development Time					Mean Dry Weight of Fully Developed Lifestages				Mortality Rate				
	Eggs (days)	First Instars (days)	Second Instars (days)	Third Instars (days)	Pupae (days)	First Instars (mg)	Second Instars (mg)	Third Instars (mg)	Pupae (mg)	Eggs (%)	First Instars (%)	Second Instars (%)	Third Instars (%)	Pupae (%)
Salinity (g/l) ^a														
40	3.0	3.5	6.2	9.0	13.1	0.027	0.27	3.45	2.00	19	0	0	0	0
50	3.0	3.6	6.3	10.0	13.1	0.026	0.26	3.29	2.00	20	1	1	1	0
60	3.0	3.7	6.4	11.0	13.1	0.025	0.25	3.13	2.00	21	2	2	2	0
70	3.0	3.8	6.6	12.0	13.1	0.024	0.24	2.97	2.00	22	3	3	3	0
80	3.0	3.8	6.7	13.0	13.1	0.022	0.22	2.82	2.00	24	3	3	3	0
90	3.0	3.9	6.9	14.0	13.1	0.021	0.21	2.66	2.00	25	4	4	4	0
100	3.0	4.0	7.0	15.0	13.1	0.020	0.20	2.50	2.00	26	5	5	5	0
110	3.0	4.1	7.2	16.0	13.1	0.019	0.19	2.43	2.00	29	6	6	6	0
120	3.0	4.3	7.5	17.0	13.1	0.019	0.19	2.36	2.00	32	7	7	7	0
130	3.0	4.4	7.7	18.0	13.1	0.018	0.18	2.30	2.00	36	8	8	8	0
140	3.0	4.6	8.0	19.0	13.1	0.018	0.18	2.23	2.00	39	9	9	9	0
150	3.0	4.7	8.2	20.0	13.1	0.017	0.17	2.16	2.00	42	10	10	10	0
Lookup1	3.0	3.8	6.6	12.0	13.1	0.024	0.24	2.97	2.00	22	3	3	3	0
Lookup2	3.0	3.8	6.7	13.0	13.1	0.022	0.22	2.82	2.00	24	3	3	3	0
77.5	3.0	3.8	6.7	12.8	13.1	0.023	0.23	2.86	2.00	23	3	3	3	0
Correction factor	1.00	1.06	1.06	1.25	1.00	0.85	0.85	0.84	1.00	1.17	1.92	1.92	1.92	1.00
Temperature (°C) ^b														
10	21.8	30.0	51.9	109.2	109.2									
15	5.8	7.9	13.7	28.8	28.8									
20	3.0	4.1	7.0	14.8	14.8									
25	2.0	2.7	4.7	9.9	9.9									
C1	0.4	0.55	0.95	2	2									
C2	40	40	40	40	40									

^a Assumes a constant temperature of 20°C.

^b Assumes a constant salinity of 100 g/l.