

**Appendix H. Growth Data for Constant Versus Cyclic Exposure to Low Dissolved Oxygen (Coiro et al., 2000)**

Species	Life Stage	Cycle (mg/L)	Cycle Duration (hr)	Test Duration (days)	DO	
					Minimum (mg/L)	% Reduction in Growth
<i>Dyspanopeus sayi</i>	larval	4.5-sat.	6 low/6 hi	7	4.5	6
<i>Dyspanopeus sayi</i>	larval	3.6-sat.	6 low/6 hi	7	3.6	30
<i>Dyspanopeus sayi</i>	larval	2.6-sat.	6 low/6 hi	7	2.6	49
<i>Dyspanopeus sayi</i>	larval	1.5-sat.	6 low/6 hi	7	1.5	89
<i>Dyspanopeus sayi</i>	larval	4.2	constant	7	4.2	33
<i>Dyspanopeus sayi</i>	larval	3.4	constant	7	3.4	51
<i>Dyspanopeus sayi</i>	larval	2.4	constant	7	2.4	53
<i>Dyspanopeus sayi</i>	larval	1.6	constant	7	1.6	90
<i>Palaemonetes vulgaris</i>	newly hatched	1.9-sat.	6 low/6 hi	4	1.9	36
<i>Palaemonetes vulgaris</i>	newly hatched	1.6-sat.	6 low/6 hi	4	1.6	59
<i>Palaemonetes vulgaris</i>	newly hatched	1.9	constant	4	1.9	67
<i>Palaemonetes vulgaris</i>	newly hatched	1.6	constant	4	1.6	78
<i>Palaemonetes vulgaris</i>	newly hatched	2.2-sat.	6 low/6 hi	8	2.3	36
<i>Palaemonetes vulgaris</i>	newly hatched	1.7-sat.	6 low/6 hi	8	1.7	56
<i>Palaemonetes vulgaris</i>	newly hatched	2.3	constant	8	2.3	46
<i>Palaemonetes vulgaris</i>	newly hatched	1.9	constant	8	1.9	66
<i>Palaemonetes vulgaris</i>	newly hatched	3.0-sat.	12 low/12 hi	8	3	25
<i>Palaemonetes vulgaris</i>	newly hatched	2.2-sat.	12 low/12 hi	8	2.2	41
<i>Palaemonetes vulgaris</i>	newly hatched	3.2	constant	8	3.2	28
<i>Palaemonetes vulgaris</i>	newly hatched	2.3	constant	8	2.3	60
<i>Palaemonetes vulgaris</i>	newly hatched	2.8-sat	6 low/6 hi	7	2.8	35
<i>Palaemonetes vulgaris</i>	newly hatched	2.6	constant	7	2.6	51
<i>Palaemonetes vulgaris</i>	newly hatched	3.2-sat.	12 low/12 hi	8	3.3	15
<i>Palaemonetes vulgaris</i>	newly hatched	2.1-sat.	12 low/12 hi	8	2.2	51
<i>Palaemonetes vulgaris</i>	newly hatched	1.8-sat.	12 low/12 hi	8	1.8	69
<i>Palaemonetes vulgaris</i>	newly hatched	3.4	constant	8	3.4	21
<i>Palaemonetes vulgaris</i>	newly hatched	2.3	constant	8	2.3	56
<i>Palaemonetes vulgaris</i>	newly hatched	1.8	constant	8	1.8	75
<i>Palaemonetes vulgaris</i>	juvenile	3.7-sat.	6 low/6 hi	14	3.7	0
<i>Palaemonetes vulgaris</i>	juvenile	2.5-sat.	6 low/6 hi	14	2.5	13
<i>Palaemonetes vulgaris</i>	juvenile	1.5-sat.	6 low/6 hi	14	1.5	55
<i>Palaemonetes vulgaris</i>	juvenile	3.5	constant	14	3.5	3
<i>Palaemonetes vulgaris</i>	juvenile	2.5	constant	14	2.5	13
<i>Palaemonetes vulgaris</i>	juvenile	1.5	constant	14	1.5	64
<i>Paralichthys dentatus</i>	juvenile	1.8-4.4	6 low/6 hi	10	1.8	35
<i>Paralichthys dentatus</i>	juvenile	1.8	constant	10	1.8	45
<i>Paralichthys dentatus</i>	juvenile	2.2-7.2	6 low/6 hi	14	2.2	18
<i>Paralichthys dentatus</i>	juvenile	1.8-7.2	6 low/6 hi	14	1.8	31
<i>Paralichthys dentatus</i>	juvenile	2.3	constant	14	2.3	33
<i>Paralichthys dentatus</i>	juvenile	1.8	constant	14	1.8	47