

**Appendix G. Time-to-Death Curves Used to Generate the Regressions in
Figures 9A and 9B**

Dyspanopeus sayi

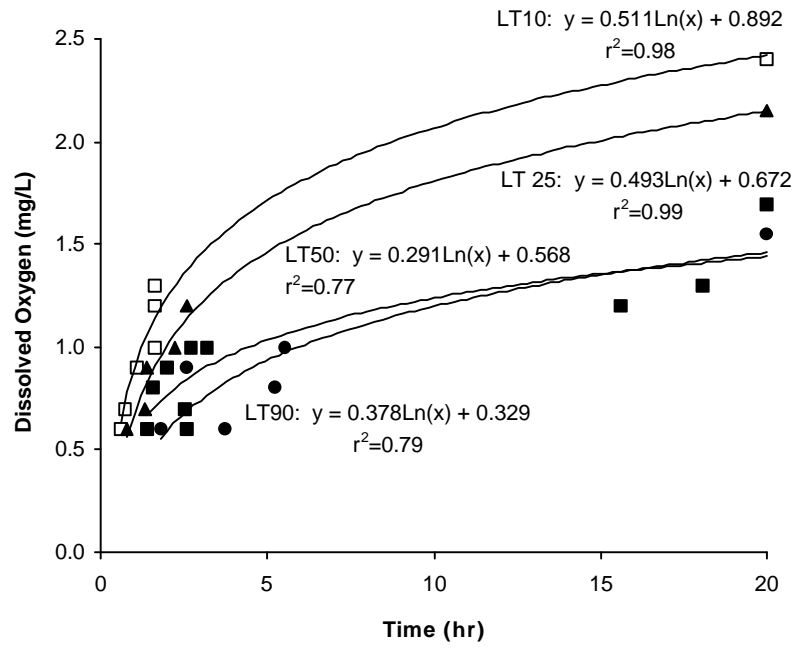


Figure G-1. Time-to-death curves for LT10, LT25, LT50, and LT90 for larvae of the Say mud crab *Dyspanopeus sayi* exposed to low dissolved oxygen. Data are from this study. Solid lines are logarithmic regressions of the four data sets. Regressions were calculated using Microsoft® Excel 5.0.

Palaemonetes vulgaris

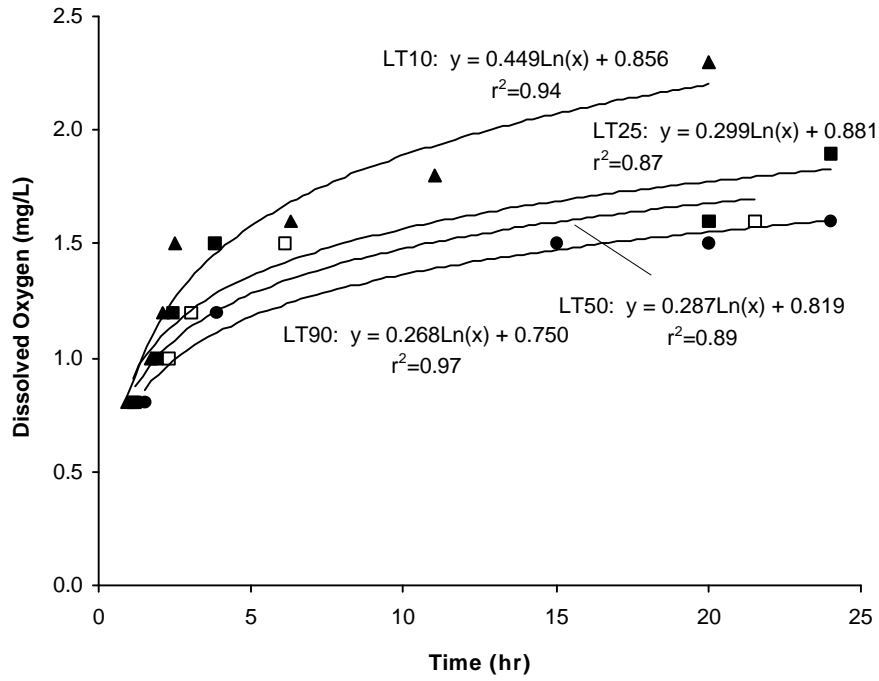


Figure G-2. Time-to-death curves for LT10, LT25, LT50 and LT90 for larvae of the marsh grass shrimp *Palaemonetes vulgaris* exposed to low dissolved oxygen. Data are from this study. Solid lines are logarithmic regressions of the four data sets. Regressions were calculated using Microsoft® Excel 5.0.

Homarus americanus

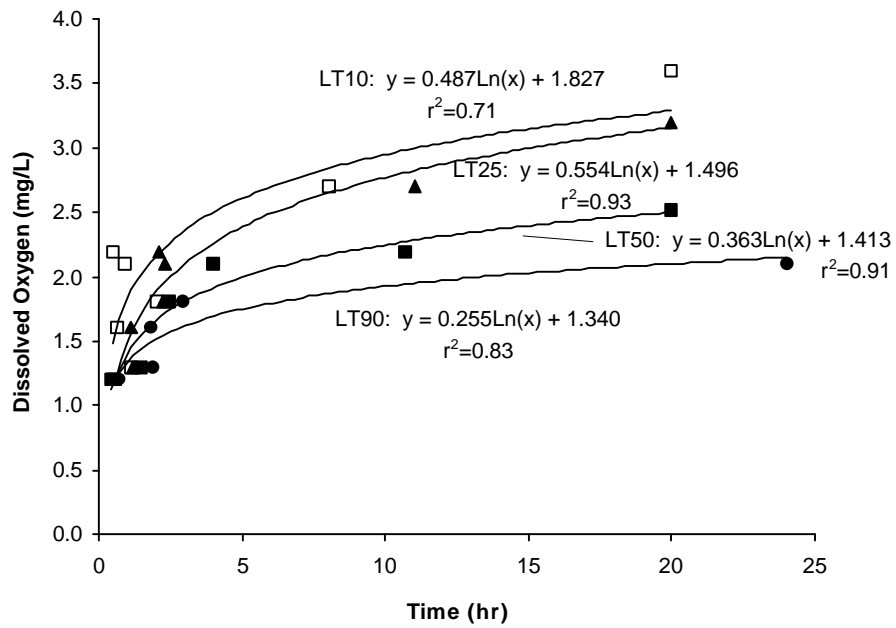


Figure G-3. Time-to-death curves for LT10, LT25, LT50 and LT90 for larvae of the American lobster *Homarus americanus* exposed to low dissolved oxygen. Data are from this study. Solid lines are logarithmic regressions of the four data sets. Regressions were calculated using Microsoft® Excel 5.0.

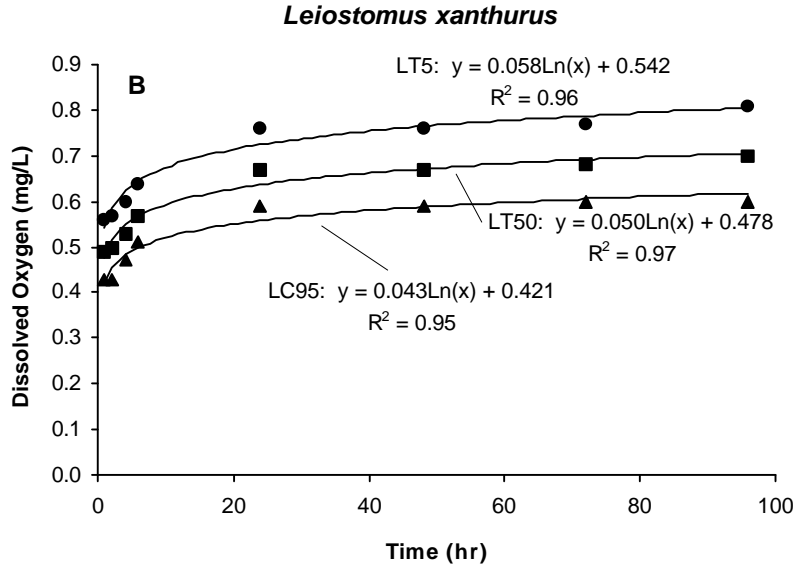
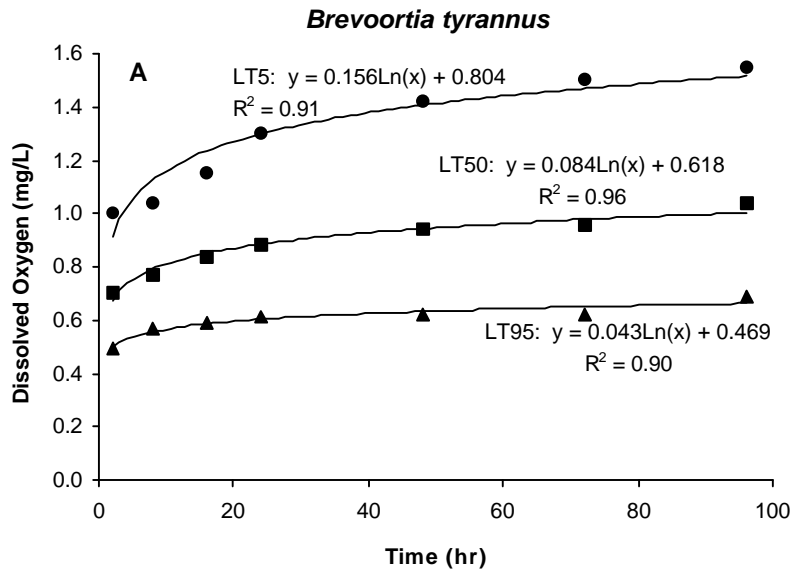
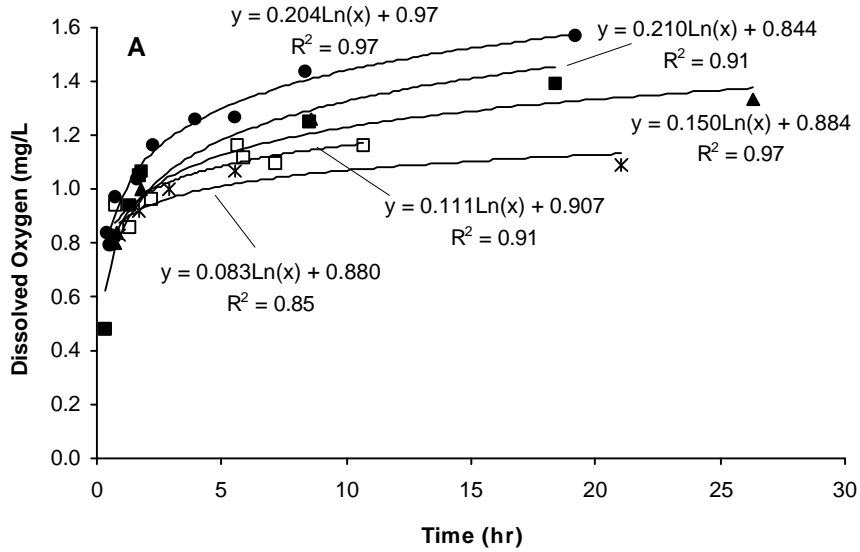


Figure G-4. Time-to-death curves for LT5, LT50 and LT90 for juveniles of the saltwater fish Atlantic menhaden *Brevoortia tyrannus* (A) and spot *Leiostomus xanthurus* (B) exposed to low dissolved oxygen. Data are from Burton et al., 1980. Solid lines are logarithmic regressions of the four data sets. Regressions were calculated using Microsoft® Excel 5.0.

Salvelinus fontinalis - small fingerlings



Salvelinus fontinalis - fry

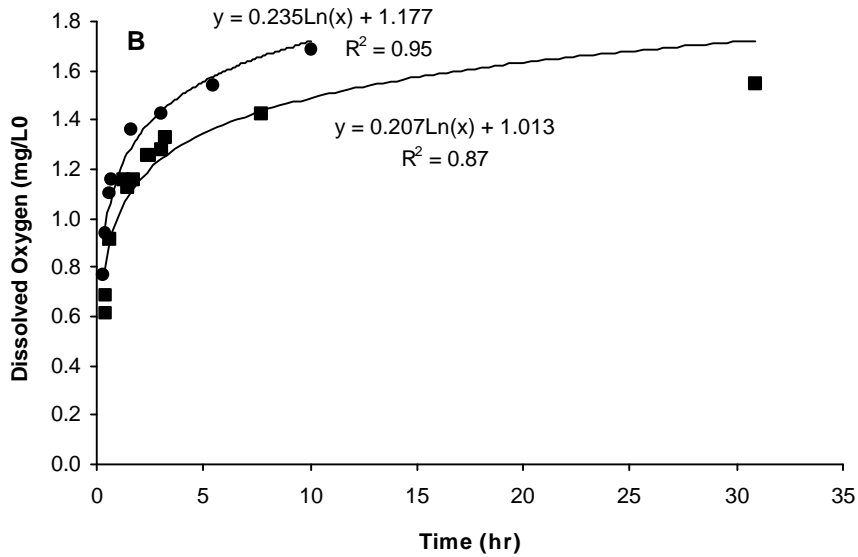
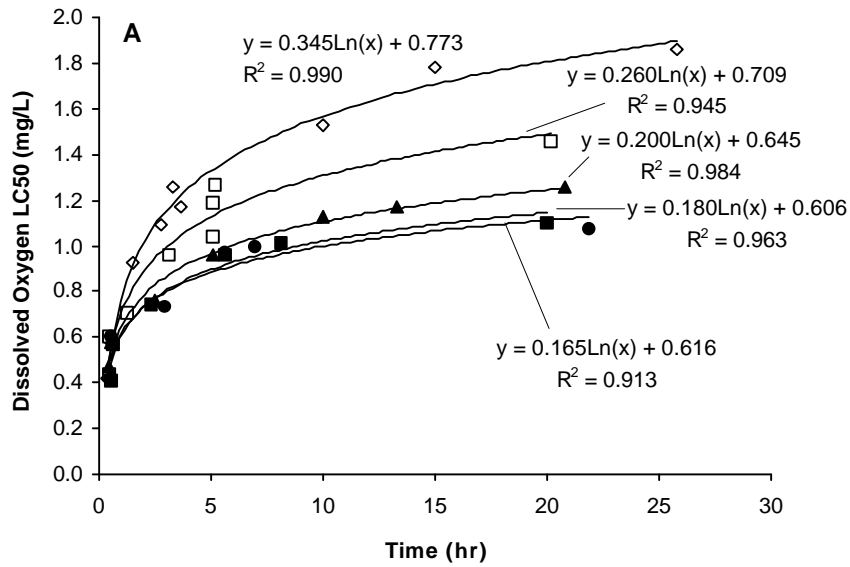


Figure G-5. Time-to-death curves for LT50s of small fingerlings (A) and fry (B) of the freshwater brook trout *Salvelinus fontinalis* acclimated to different concentrations of low dissolved oxygen and then exposed to different concentrations of low D.O. Data are from Shepard, 1955. Solid lines are logarithmic regressions of the four data sets. Regressions were calculated using Microsoft® Excel 5.0.

Salvelinus fontinalis - large fingerlings



Salvelinus fontinalis - large fingerlings

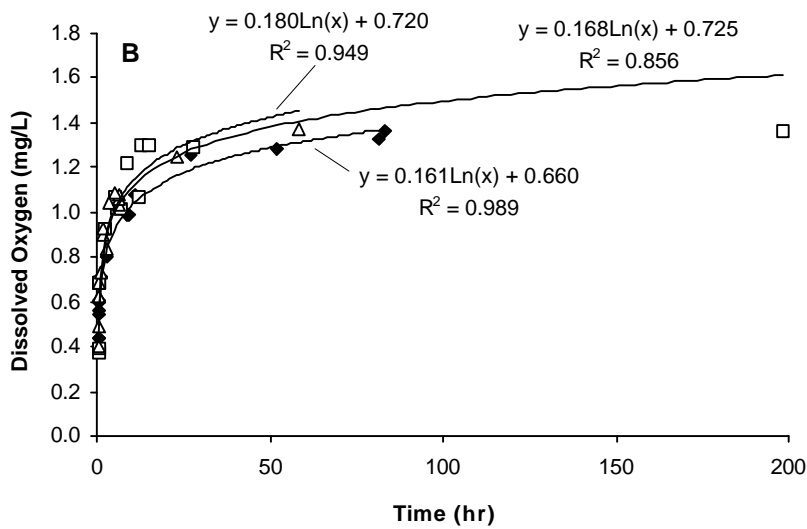


Figure G-6. Time-to-death curves for LT50s of large fingerlings of the freshwater brook trout *Salvelinus fontinalis*. Data are for fish acclimated to different concentrations of low dissolved oxygen (2.5 to 10.7 mg/L) and then exposed to different concentrations of low D.O. (A), and for fish acclimated to 7.1 mg/L in the dark and then given different light pre-treatments (B). Data are from Shepard, 1955. Solid lines are logarithmic regressions of the four data sets. Regressions were calculated using Microsoft® Excel 5.0.